

1. OK Entered

Blackbird. Apr. 28, '07.

Nest, Grass, mud sod, twigs, lined with black horse hair.

Eggs, 5 in no. $\frac{1}{4}$ formed. Light blue with ^{green & black spots.} irregular.
Place, On limb of live-oak. About 12 ft. High.

2. OK Entered

Butcherbird. May. 5, '07.

Nest, Grass, string, and mixture, lined with feathers.
Eggs, 6 in no. $\frac{1}{4}$ formed. Light ^{green & brown spots.} cream with brown.
Place, In crotch of cypress tree, About 15 ft. High.

3. OK Entered. (1.6)

2 Song Sparrow. Apr. 28. & May. 5, - '07

Nest, Twigs and grass, lined with horse hair.
Eggs. 4 in no. $\frac{1}{4}$ formed. Light green with green & brown spots.
Place. In Briers, About 3 ft. High.

4. OK

Bush Wren. Apr. 28, - '07

Nest. Twigs, fine grass, lined with grass and hair.
Eggs. 4 in no. $\frac{3}{4}$ formed. White with small brown spots ^{on larger end.}
Place. In bushes, about 3 ft. High.

5. OK Entered.

Western fly-catcher. Apr. 28, '07.

Nest, Grass and mud, lined with horse-hair.
Eggs. 4 in no. $\frac{1}{4}$ formed. White with orange spots ^{big end.} around
Place. End of stump about 3 in diameter, about
7 ft High.

W. G. '06
W. G. '06 W. G.

6, OK entered,

Humming-bird. Apr. 28, '07.
nest, White and Orange cotton-like stuff
from flowers of weeds gone to seed.
Eggs, 2 in no. Fresh. Pure white.
Place, On tip end of maple tree branch. About
3 ft. High.

7, ABD

Billy-Owl. May, -, '04
nest, In hollow of tree, few feathers.
Eggs, 2 in no. Fresh. Pure white.
Place, In dead branch of live oak tree. About
60 ft. High.

8, DKE

Light Hawk. June, -, '08
nest, Just laid on sand.
Eggs, 2 in no. $\frac{1}{2}$ formed. Light gray with gray spots.
Place, In creek bed. On sand.

9, DKE

Mourning Dove. June, -, '06.
nest, Dry grass. Very thin.
Eggs, 2 in no. Fresh. Pure white.
Place, On horizontal limb of Poplar tree.
About 8 ft. High.
10.

Over.

W. J.
06. Guts
home



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10, O.K. Entered

Grosbeak. Apr. 28, '07.

Nest, 5 wigs of trees, Very thin.
Eggs, 4 in no. $\frac{1}{4}$ formed. Green with Brown spots.
Place, In Willow tree, About 25 ft High.

11, N.G.

Red-wing Blackbirds Apr. -, '07.

Nest, Long Grass.
Eggs, 5 in no. $\frac{1}{4}$ formed. Light green with black lines.
Place, In mustard stalks, About 4 ft. High.

12, N.G.

Bee-martin. June, -, '06.

Nest, Long Grass.
Eggs, 5 in no. $\frac{1}{4}$ formed. White with dark red spots.
Place, On end of Live oak limb, About 40 ft High.

13, N.G.

Oriole. July, -, '06.

Nest, Hanging lined with feathers.
Eggs, 5 in no. Fresh. White with black lines.
Place, On end of Elm limb.

14, A.B.D.

Dark Sparrow. August, -, '06.

Nest, Long weeds & Grass, Lined with horse hair.
Eggs, 3 in no. Fresh. White with brown lines and spots.
Place, In apricot tree, About 8 ft. High.

October 27, 1887

West, 3 miles of road, very good.
Camp, 10 miles from the river, very good.
Place, on the river, very good.

11. 11.

October 28, 1887

West, 3 miles of road, very good.
Camp, 10 miles from the river, very good.
Place, on the river, very good.

12. 11.

October 29, 1887

West, 3 miles of road, very good.
Camp, 10 miles from the river, very good.
Place, on the river, very good.

13. 11.

October 30, 1887

West, 3 miles of road, very good.
Camp, 10 miles from the river, very good.
Place, on the river, very good.

14. 11.

October 31, 1887

West, 3 miles of road, very good.
Camp, 10 miles from the river, very good.
Place, on the river, very good.

15. O.K.

Barn Swallow. July, - '06

Nest, made of mud and few straws, lined with feathers.
Eggs, 4 in no. Fresh. White with brown spots.
Place, in roof of barn, About 50 ft. High.

16. N.G.

Blue Linnet. June, - '05

Nest, made of Grass, lined with hair.
Eggs, 5 in no. $\frac{1}{4}$ formed, Pure blue.
Place, in high weeds in creek bed, About 3 ft. High.

17. N.G.

Red Linnet. May, 5, '07

Nest, made of grass and weeds, lined with hair.
Eggs, 5 in no. $\frac{1}{2}$ formed, Blue with black spots ^{big end} on
Place, in apricot tree, About 10 ft. High.

18. A.B.D.

Bank Swallow June, -, '06.

Nest. Few straws lined with feathers in hole in bank.
Eggs. 5 in no. $\frac{1}{2}$ formed, Pure white.
Place, in bank at edge of creek, About 45 ft. High.

19. N.G.

Canary. May, 5, '07.

Nest. made of Feathers, moss, and seeds of weeds.
Eggs, 5 in no. Fresh, Pure light blue.
Place, in apricot tree on end of limb. About
20 ft. High.

20. ^{OK.}

Pocket-bird, June, - '05

Nest. Long hanging nest. lined with feathers.
Eggs. 5 in no. $\frac{3}{4}$ formed. Pure white.

Place. In Bunch of willows. About 9 ft. High.

21. ^{OK.}

Mudhen. May. 12 '07.

Nest. Made of dead tules with runway of same material.
Eggs. 5 in no. Fresh. Buff with black spots.
Place. In tules on lake. About $\frac{1}{2}$ ft. High.

22. ^{OK.}

Wiggin duck. May. 12 '07.

Nest. Made of dry grass. Top covered with dead weeds.
Eggs. 5 in no. Fresh. Light brown in color. Glossy.
Place. In shallow hole about a yard away from lake.

23. ^{OK.}

House Wren. June 4, '07.

Nest. Twigs and horsehair in hole in tree.
Eggs. 7 in no. Fresh. Reddish with fine red brown spots.
Place. Hole in pepper tree. About 20 ft. High.

24. ^{OK.}

Bull-Finch. May. 8, '07.

Nest. Made of string, moss and various things.
Eggs. 5 in no. Fresh. White with greenish brown spots.
Place. In cherry tree. About 25 ft. High.

Family Mniotiltidae
Wood Warblers.

- I 1. 636. Mniotiltaria
Black & White Warblers.
- II 2. 637. Prothonotaria citrea.
Prothonotary Warbler.
- III 3. 638. Gelinaia swainsonii.
Swainson's Warbler.
- IV 4. 639. Helminthophila vermivora.
Vermivora Warbler.
- V 5. 640. Helminthophila bachmani.
Bachman's Warbler.
6. 641. Helminthophila pinus.
Blue-winged Warbler.
7. 642. Helminthophila chrysoptera.
Golden-winged Warbler.
8. 643. Helminthophila luciae.
Lucy's Warbler.
9. 644. Helminthophila virginiae.
Virginian's Warbler.
10. 645. Helminthophila ruficapilla.
Rufous Warbler.
- 1096452 Helminthophila ruficapilla
cutthroat
Calaveras Warbler.

Received of Mr. [illegible]
the sum of [illegible]

for [illegible]
[illegible]

£ [illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

Sub-family (c) Alcinae - Auklets and Murres
Species:

30. *Uria troile*.

30a. " " *californica*.

31. " " *lomvia*.

31a. " " *arra*.

32. *Alca torda*.

33. *Plautus imperialis*.

Sub-family (d) Allinae - Loonies.
Species:

34. *Alle alle*.

Order II. Longipennis.
Long-winged Swimmers.

Family 4. Stercorariidae - Skuas and
Jaegers
Species:

35. *Megalestris skua*.

36. *Stercorarius pomarinus*.

37. " *parasiticus*.

38. " *longicaudus*.

Family 5. Laridae - Gulls and Terns.

Subfamily - Larinae - Gulls.

Species:

39. *Gavia alba* -

40. *Rissa tridactyla*.

Family - 3. Alcidae - Auks, Murres
and Puffins.

Sub-family - (a) Fraterculinae - Puffins
Species - 12. *Lunda cirrhata* -

13. *Fratercula arctica*.

13a *glacialis*.

14. .. *corniculata*.

Sub-family - (b) Phalarinae - Auklets,
Murrelets, Guillemots.
Species -

15. *Gerorhinca monocerata*.

16. *Hydrocorampus aleuticus*.

17. *Cyclorhynchus psittacus*.

18. *Simorhynchus cristatus*.

19. .. *pygmaeus*.

20. .. *pusillus*.

21. *Synthliboramphus*
antiquus.

23. *Brachyramphus*
marmoratus.

24. .. *kittlitzii*.

25. .. *hypoleucus*.

26. .. *claveri*.

27. *Cephus grylle*.

28. .. *mandtii*.

29. .. *columba*.

A.O.U. Classification.

Diving Birds.

Class - Aves - Birds.

Sub-class - Aves Carinatae -
Ordinary birds

Order I. Pygopodes - Diving Birds.

Sub-order (a) Podicipides - Grebes.

Family - 1. Podicipidae - Grebes

Species -

1. Aechmophorus occidentalis
2. Colymbus holboellii
3. Colymbus auritus.
4. " nigricollis californicus
5. " dominicus.
6. Podilymbus podiceps.

Sub-order - (b.) Cepphi - Loons and Auks.

Family. - Urinatoridae - Loons!

Species.

7. Urinator imber.
8. " adamsii.
9. " arcticus.
10. " pacificus.
11. " lunnme.

Order Raptores.

(Birds of Prey.)

Suborder.

I *Iarcorhamphii* -

(Am. Vultures.)

1. Family - *Cathartidae*

(Am. Vultures)

324 *Pseudogryphus californianus*,
California Vulture.

325 *Cathartes aura*
Turkey Vulture.

326 *Catharista atrata*
Black Vultures.

II Suborder *Falcones* -

(Vultures, Falcons, Hawks, Buzzards,
Eagles, Kites, Harriers, etc.)

2. Family - *Falconidae* -

(Vultures, Falcons, Hawks,
Eagles, etc.)

a. Subfamily - *Accipitrinae* -

(Kites, Buzzards, Hawks,
Goshawks, Eagles, etc.)

327 *Elanoides forficatus* -
Swallow-tailed Kite

328. *Elanus leucurus*!
White-tailed Kite.
329. *Ictinia mississippiensis*.
Mississippi Kite.
330. *Rostrhamus sociabilis*.
Everglade Kite.
331. *Circus hudsonius*
Marsh Hawk.
332. *Accipiter velox*.
Sharp-shinned Hawk.
333. *Accipiter cooperi*
Cooper's Hawk.
334. *Accipiter atricapillus*.
American Goshawk.
- 334a. *Accipiter atricapillus*
striatulus.
Western Goshawk.
335. *Parabuteo unicinctus*
harrisi.
Harriss's Hawk.
- [336.] *Buteo buteo*.
European Buzzard.
337. *Buteo borealis*.
Red-tailed Hawk.

Continued
beginning next column of numbers
order etc. of N. Am. birds.

337a *Buteo borealis kriderii*.
Kriider's Hawk.

337b. *Buteo borealis calurus*!
Western Red tail.

337c *Buteo borealis lucasianus*.
Saint Lucas Red-tail.

337d *Buteo borealis harlani*.
Harlan's Hawk.

339. *Buteo lineatus*.
Red shouldered Hawk.

339g *Buteo lineatus alleni*.
Florida Red shouldered Hawk.

339b. *Buteo lineatus elegans*!
Red-bellied Hawk.

340. *Buteo abbreviatus*.
Zone-tailed Hawk.

341. *Buteo albicaudatus*.
White-tailed Hawk.

342. *Buteo swainsoni*.
Swainson's Hawk.

343. *Buteo latissimus*!
Broad-winged Hawk.

344. *Buteo brachyurus*!
Short-tailed Hawk.

345. ~~U~~*B**uribitinga anthracina*.
Mexican Black Hawk.

346. *Asturina plagiata*.
Mexican Goshawk.

[347] *Archibuteo lagopus*.
Rough-legged Hawk.

347a. *Archibuteo lagopus*
sancti-johannis.

American Rough-legged Hawk.

348. *Archibuteo ferrugineus*.

Ferrugineus Rough-leg.

349. *Aquila chrysaetos*.
Golden Eagle.

[350] *Thrasaetus harpyia*.

Harpy Eagle.

[351] *Haliaeetus albicilla*.

Gray Sea Eagle.

352. *Haliaeetus leucocephalus*.
Bald Eagle.

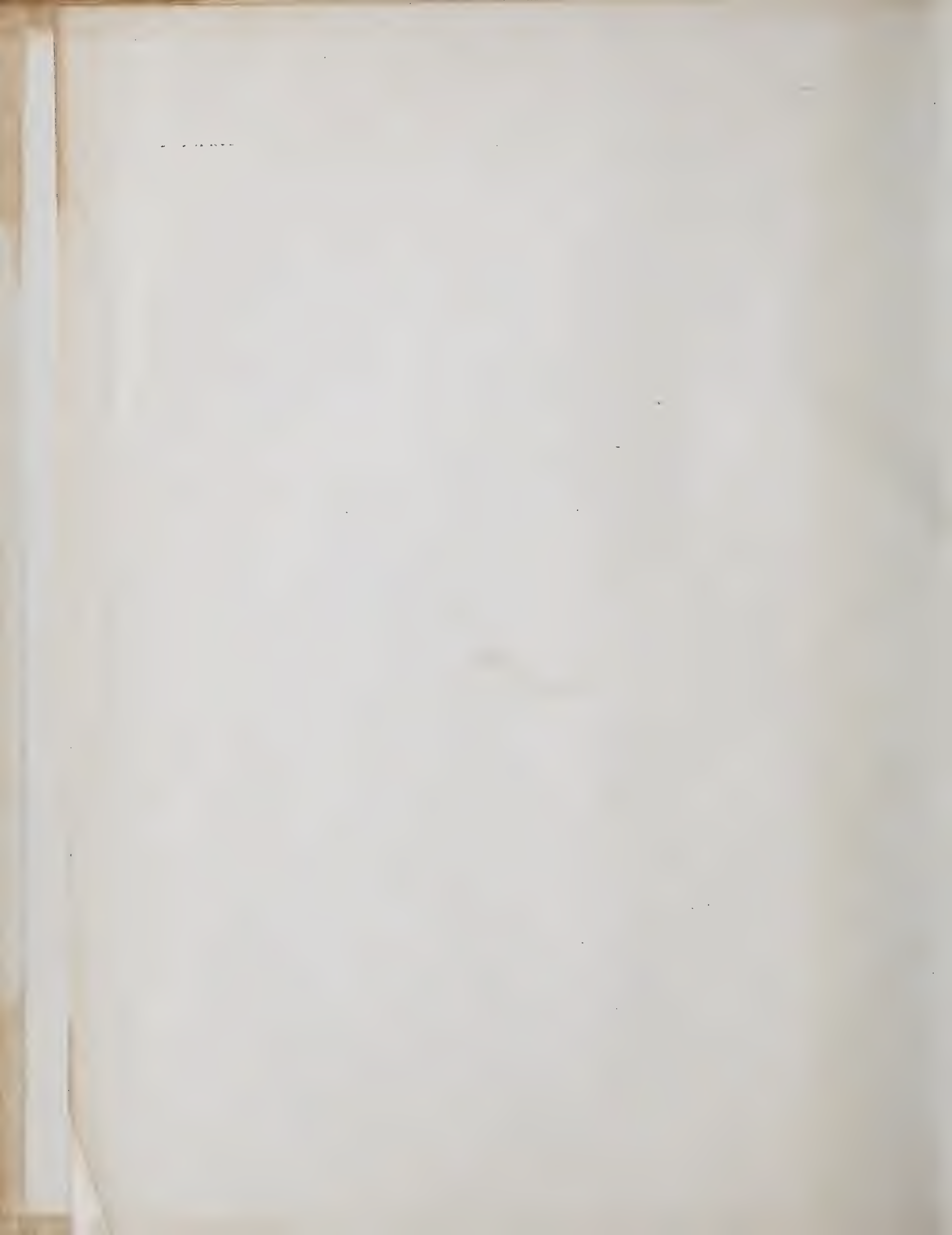
8-10-1883

2/-

Book No. 11.

Cological and Ornithological
Notes.

Oscar P. Silliman.



1899 A.D. Castroville, California

Oct. 6. 510 large band 273-2 or 3.
 581 cords. 474e - several.
 554 or 6.

Oct. 7. Goldfinch - several at switch.
 Red-bellied Hawk - one near river.
 Am. Titlarks - several in fields.
 474e - a doz. or more 542b - several.
 Crown Sparrows - numerous
 Song ... com. near river.
 Killdeer 3 or 4 along R. near switch
 Ducks - a large band flying.
 Cormorant - a crippled one seen
 flying near hill.
 Blackbirds - large bands.
 Pewee - several.

Oct. 8. 510, 554 (var.) 273.

Anna's Hummer - seen in garden

Oct. 9. Went to beach.

Ducks - plentiful.

Curlew - 4 or 5.

Wm. or Least Sandpiper. hundreds
Gulls, common sp. not determined.
273 & 278 common!

Oct-10. Went to beach again - same
birds as on 9th and in addition an eagle.
221 - common - 33 gl. one.

Oct-12. Say's Phoebe. one on sandhill.
33 gl. 360 a. 458 - 2 near house.

Oct-13. 457 - 458 - 519 - 554 a or b. -
Ducks - 2 flocks.
No - Audubon's Warblers, Hermit
Thrushes, or Robins yet.
Went to beach in P. M.
Ducks - many large bands.
Spring, Teal and one white-
winged Widgeon Duck seen.
Grebes - several.
"Snipe" - about a doz.
Snowy Plover - many.

W. n. or Least Sandpiper. or both -
very abundant.

Am. Coot - innumerable.

Hermann's Gull - only a few.
C. ship. a few seen.

No-burlew, Butter-balls or Geese.

Oct-14. Weather unsettled - showers.

Went to beach.

Same birds as yesterday seen.
Hermann's and other Gulls
more plentiful.

Dead Ducks seen in breakers.

474e - a good many on sandy beach
278. several.

Oct-15. 458- 510-

Burrowing Owl - one heard today

Very clear - wind - W in P. M.

Oct-16. Very large flock Blackbirds -
a few "Redwings" among them,
I think they were Bicolors.
542 le. 501 le.

Oct-17. Blackbirds- plentiful at switch
Weather- hazy & cloudy- wind W.

Oct-18- Kingfisher- am quite sure
I saw one flying near switch.
510 abundant.
Am. Pipit- quite a flock in field.
542 b. one.

Oct-19. Cloudy- wind S of E. clouds mov-
ing from N. W.
Blackbirds- large flock.
Pay's Phoebe.

Oct-20. Cloudy- No rain- Strong
wind- E. in A.M. W & N.W. in P.M.
697- 510- 542 b- 554 work- 458- 325

Oct-21. Raining all day.
Wild Geese- nearly 200 seen
in flock flying towards river
mouth. 457- 510.

Oct. 22. Cloudy in A.M., clearer later light wind
 458 - 697 - 581 cord - 554. work. - 510 (bands)
 339 h. 501 h. 221.

Oct. 24. Went to beach.

278 abundant - 273 - one or two.
 Hermann's Gulls - several - also
 other species.

Ducks - several flocks.

Brown Pelican - a good many
 off shore.

~~Black-b.~~ Black-b. Plover - 1 shot from band of 3.

Horned Lark - several on beach.

Burrowing Owl. one seen at mouth
 of rotten stump on sand bank.

Pure Ducks - several in surf.

221 - very abundant. 339 h.

Oct. 25. Indoors all day.

Oct. 26. Slightly hazy.
 339 h - 458 - 510.

Oct-27 to Nov-2.

Black-bellied Plover 3 or 4 flying
Golden-eared Sp. one.
554 a or b. 697-several- 33 q b. one.

Nov-3. Cloudy- no rain- light winds.
221-(1)- 697-(com)- 501 b. (6 or 7) 360 a (1)
33 q b. (1) 510-(com.) 458-(2 or 3) 457-(1)
413.

Nov-4-5- 431- about garden.

Nov-6. 697- large bands.
Blackbirds and Crown Sp. do.
458- 194.

Nov-7. Geese- large flock flyin S. along ^{beach}.
554 a or b- com. 697 458- 542 b. 360 a (2)
510- plentiful

Nov-9. 510- one shot from band of 100 or more.
557- 554 a or b. 581 e or d. 542 b. 697-
501 b. 33 q b.

Nov-8. 457-339 h. Crow & Paranna Rps.
697-510 etc.

Nov-11. Cloudy and raining.
Crow Rps- abundant about hill.
510- com. in large flocks.
501 h.

Nov-12. Rain - clear in A.M. no wind.
Usual birds about hill - 273 heard at ^{night}.

Nov-13. 458-457-etc. No migrants.
Cloudy but no rain.

Nov-14. S. E. wind in A.M. slight W. wind in P.M.
Cloudy all day - no rain.
Usual residents seen.

Nov-15. Raining -

Nov-16. Clear - 221 in slough.

Nov-17. Clear - 458-510 large flocks - 554 a m b. - 581 c o d

Am. Barn Owl. large owl seen
at night probably this species.

Nov-18. Slightly hazy -
554 a or b. 581 c ord. 697- 339 b. (2) 360 a

Nov-19-20-21-22-23-
554 a or b.
Eagle - white-tailed.
Kingfisher -
Turkey Vulture.

Nov-24 & 25 - Only com. birds seen.

Nov-26. Hazy & foggy - Went to
river mouth -
Least or Wm. Sandpiper - large
band.

Dec-10. Weekly Review! -
No new arrivals,
No Audubon's Warblers.
Duck - very few only one or two bands.

Boats - abundant in river.

Blackbirds - in large flocks of all kinds.

Turkey Vulture - seen once in a while.

Hawks - 2 or 3 seen nearly every day.

Killdeer - seen in considerable

numbers near river and in fields.

Am. Pipit - abundant in fields in large loose flocks.

Black Phoebe - a pair - the usual ones.

Tule Wren - heard seen nearly every day in tules near river.

Wm. Savanna Sparrow - not often seen near road or at switch but may be more common along river.

Wm. Meadowlarks - some days I see a good many - often only one or two or none.

I do not remember having seen any Geese or - 413 - 4742 - 457.

No Hummers or Swallows for a long time. Weather has been showery clearing off cold.

Dec-10. 194. flying over field near river.
Hawk - a well marked one seen
flying near hill this A.M.

Dec-11. Clear.

Ruddy Ducks - 2 near switch.
221 common.

Am. Bittern - twice scared
from weeds along river.

Wing or Least Sandpiper large
band feeding on mud flat near river
54 Hb. 2 seen along dry slough.

Tule Wrens - one seen & one heard.

389 & one!

Wm. Yellowthroat one near river.

Dec-12. Cloudy & showery - 360 & one.

Dec-13. Slightly cloudy N.E. wind in A.M.
Ducks - a band seen flying near R.
Audubon's Warbler - one at switch
Am. Barn Owl - one flying in field tame

Dec-14. Raining all day - wind S. no birds.

Dec-15. Raining wind - S.

221 - seen in slough near town.

273 - abundant - large flock - buzz also - pen

Dec-16. Showery.

Dec-17. Clear

Wm Yellowthroat - 2 seen at hill - one a ♂ at short range.

Dec-18-19-20-21-22 - Pick - clear & frosty.

Dec-23. Slightly hazy and quite cold

Strong S.E. wind

Says Phoebe - one at sand-hill near house.

Tule Wren - one seen at short range in beets.

Audubon's Warbler - one near old barn - 458 - one - 519 - a dozen more

Swallows - a good many - about 700

seen flying near river, apparently "lunifrons."

Dec-24. Nearly clear - strong S. E. wind.
Ducks - several thousand in river and small lake.
Geese - 9 flying N.
Say's Phoebe - one.

Dec-17. Weekly Summary.

During this week I discovered the presence of the Ruddy Duck and Small Pondpeppers and Am. Bittern. Audubon's Warbler was again seen.

One Gt. Blue Heron and one Am. Barn Owl - (1st seen for a long time)

Say's + Black Phoebe - as usual one or two birds may be found

Tule Wrens may be found almost any day by ~~search~~ along the tules
Blackbirds as usual in large flocks.
Meadowlarks may be seen often

Pipits common in fields.
 Killdeer - a great many seen once.
 Hawks - the common ones seen often
 Ducks - only one band.

Dec-24. Weekly Summary.
 Clear cold weather - S. E. wind
 Yellowthroat - discovered.
 Ducks - immense numbers on 24.
 Mallards - a large band appeared once.
 Geese - 9 in flock? 1st for something.
 Audubon's Warbler - seen more often.

Dec-25 - Clear cold S. E. wind. Few birds.

Dec-26. Clear - cold - little wind.
 Audubon's Warbler.
 Jay's Phoebe -
 Marsh Hawk - one.

Dec-27. Audubon's Warbler -
 Short-eared Owl - a quite small 1
 saw one.

Gulls - small bands flying inland.
Marsh Hawk - one seen.

Am. Pipits - very com. large flock.

Dec-28. Pea Birds - band of a doz. or so
flying inland.

Dec-29. Cloudy & a little rain.
Wind - strong - S.E. in P.M.
Ducks - a good many small flocks
seen flying after dark. One band
at least were Teal.

Dec-30 - Cloudy - no rain -
2 Ruddy Ducks in river.
Killdeer - heard.
Ducks - a band heard flying this eve.
Loons - com. in river.
Gulls - not so many today as before.

Dec-31 - Cloudy - no rain - E. wind.
Gulls - scattering individuals
and loose flocks.

Ducks - several seen flying along river. They seem to be quite abundant. Two hunters killed - 9 one day & 13 another mostly "Butter-balls"

Notes for 1900 A.D.

Jan-7. Am. Robin - seen for 1st time this winter about 2 days ago, near mill.
Killdeer - large flocks this week.
Pea Gulls - " " " "
Least or Wn. Sandpiper com. in bands about water left by flood.
Am. Crow - twice this week an immense flock has been seen in this vicinity.

Jan-8. Least or Wn. Sandpiper - 12 or more near pool left by water.
Gulls - plentiful singly and in small straggling flocks.

Jan-10. Went to Watsonville - Clear-Wind.
Ducks - several kinds

Canvas-back - 20 or more.

Gulls - numerous - some seen following plow near Landing.
Wn. Meadowlarks - large bands near Springfield.

Audubon's Warbler - very common about Wille less so here.

Grebes - large and small seen near Landing.

Woodpecker - one heard near Wille.

Jan - 11. Returned from Wille - same birds seen as above.

Ruddy Duck - small duck seen in Tembladero - probably Ruddy.

Desert Sparrow Hawk - several.

Jan - 12. Turkey Vulture - one near sand-hill.
Small Sandpiper - plentiful.

Jan - 13. Went to Salinas - Cloudy in P.M.
Few birds seen.

Jan-14. Cloudy - slight rain - wind S.E.
 Killdeer - one.
 Small Sandpipers - several.
 Jay's Phoebe - one near house.
 Crown Sparrows - com. about hill.
 542 b. one 5818 or d. several.
 Blackbirds - numerous in large
 flocks - several species - all ages.
 Gulls - a flock of 10 or 12 at night
 Hawk - one heard near hill.

Jan-15. Cloudy but no rain.
 Went to Salinas.
 3600 seen on road.
 Gulls - flying inland in A.M.

Jan-16. Clear - 273.
 Wn. or Least Sandpiper.
 Hawk - Marsh I think.

Jan-17. Clear - cold - E. and N.E. wind.
 273 - seen flying at night
 4507 - one seen.

Crown Sparrow - about house.
Gulls - none today.

Ducks - two killed by hunter
were "Canvas back" and "Blue-bill"

Jan-18. Clear - cold E. & N. E. wind.

273 - 457.

Gulls - 1 or 2.

Hawk - Red-bellied I think.

Jan-19. Hazy - little wind.

Birds very bright this a.m.

710 - heard singing on hill.

519. singing 554 a or b. many.

3609. one very tame!

457. one seen.

Gulls - many flying about fields

Dong Sparrow - several.

273 - several heard.

Jan-20. Foggy until 8 or 9.

519. heard singing.

Gulls - flying inland in early morn.

221. plentiful in river.
 697 - several in fields - one band 25.
 Blackbirds - numerous as ever.
 Ducks - one band seen flying
 this A.M.
 Gulls - 2 bands returning at night 20 & 25.

Jan-21. Clear - E. wind.

Duck - 2 small ones in river.
 697 - several - 273-20 near pool in field.
 Gulls - a few scattering ones in A.M.
 Wn. or Least Sandpiper - several.

Jan-22. Foggy in A.M. little wind.
 Only usual birds - 273.

Jan-23. Hazy - strong wind N. of E. all day.
 Gulls - a band flying inland at day-
 break against wind.
 Wn. or Least Sandpiper - 25 or 30.
 Killdeer - only a few seen.

Jan-24. Hazy & cloudy N.E. wind - cold in A.M.

Gulls - a few seen.

Jan. 25. Slightly cloudy in A.M.
 273 - several. 221. In Tembladero
 194 - one near pool in field.

Jan. 26 to 30. Foggy and cloudy nearly
 all of the time.
 273 - 100 seen at one time.
 Horned Lark - 2 on 30th.
 325 - one or two flying.
 Crows - a large band heard near town.
 458 - 2 at bridge near Tembladero.
 221. numerous in slough.
 Gulls - several bands nearly every
 day.

Jan. 31. Gulls - a few bands in early A.M.

Feb. 1. Hazy & sultry
 697. a large band seen.
 Crown Sparrows. in shrubbery.
 Mn. P. warbler Sparrow - one

seen near house.

Wn. Robin - one seen near ~~hill~~ ^{hill}.

Horned Lark - 2 seen in road.

Feb-3. Clear - 273.

Feb-4. Showery. 273-

Wn. Meadowlark a dozen or more.

Gulls - immense numbers in plowed field.

Feb-5. Clear & frosty.

Gull - only one immature seen.

32d - one.

Feb-6. Clear and very frosty in P.M.

Heavy wind from W. and N.W.

Took a ride to James Whalen's place and returned by Castroville.

697 - 2 seen sitting on fence.

Wn. Robin - one near ^{Lake} Espinoso Lake.

Blackbirds - an immense band near lake.

Sparrows - several of each species.
 Crows - a large number on
 ground near Tembladero.
 221 - many in slough.
 Swallows - a great number
 perched on telegraph wire.
 Gulls - very plentiful in plow-
 ed field and about water ponds.
 Tule Wren - several heard in
 slough near Espinosa Lake.

Feb. 7+8. Slightly hazy - not frosty.
 In fields where I am plowing
 have seen - 697 - several - no bands.
 Gulls - a great many.
 542 b. one or two seen.
 581 c or d. a few - 554 a or b. a few.
 501 b. quite a band.

Feb. 9. Slightly hazy & cloudy.
 Warmer little wind from W.
 510 - a few - 697 several.
 Gulls - very plentiful in plowed

yield some, arrive about 7 A.M.
 581 cord. 1002-501 b. 1 or 2 heard.
 273- heard.

Feb. 10-11-12. Clear-foggy in A.M.
 Wind W. in P.M.
 Usual birds - only 33 gl. in addition.

Feb. 13-14. Cloudy or foggy in A.M.
 Light wind W. in P.M.
 33 gl. one - 325 - a doz. or more!

Feb. 15. Cloudy in A.M. clear in P.M.
 Crows - quite a large band seen.
 Gulls - numerous, as ever.
 474e. About a doz. seen, and heard.
 697 - a few - not so many as usual.
 542e. one or two noticed.
 510 - a few about - no large flock ^{today.}
 No ducks for a long time.
 33 gl. (one), 325 - (3 or 4), Sparrows. as usual.

Feb-16. Cloudy & hazy in A.M. clear in P.M.
 Calif. Gull - several adults seen.
 510. about 50 today. 519. several heard.
 697. about a doz. seen.
 542^b. 1 seen - more heard.
 325-3004. 554^a or ^b. seen - 557.
 474^e. a few seen.
 Gulls - a good many juv.
 Song Sparrow - heard.

Feb-17-18. Cloudy & Raining - heavy hail
 storm at night. Wind - W.
 Crows - About 200 flying towards willows
 Gulls - as usual.
 501^b heard this A.M.
 510. quite a band about house.
 Weekly Summary.
 Threatening weather all week
 ending in hail shower from bay.
 Gulls - very plentiful after plow.
 Crows - several small and one large
 flock.
 Am. Titlark - not so plentiful

as a few weeks ago.

Horned Larks - quite com. 10 or 12
seen sometimes.

Sparrows as usual.

House Finch - several seen.

33 q_l. & 360 a.

No Ducks, Owls, Herons, Marsh
Hawks, Kites, Shore-birds (except 27)
Turkey Vulture - about a dozen at
once.

510 No large band. 501 b. not many
at one time.

Apr-29. Went to Watsonville.

Went down to Pajaro R. in P.M.

Wren Tit - Russet-backed Thrush.

Rufous Hummer - n/2.

Song Sparrow.

Cal. Thrasher - on nest - one egg.

Wn. Flycatcher - 2 nests - 1 with egg.

Am. Barn Owl.

Calif. Towhee.

Cal. Bush Tit.

Great Blue Heron.

Apr. 30. Came home. Took a walk
 along river before I came home.
 Pileolated Warbler - one singing.
 Spurred Towhee.
 Wm. Flycatcher.
 Rufous Hummer $n/2$.
 Black-headed Grosbeak - singing.
 Russet-backed Thrush.
 Calif. Chickadee - several.
 Cal. Bush Tit.
 On road home.
 Least Tern - at Landing.
 Goldfinches - numerous.
 Sandpiper - Wm or Least - numerous.

May - 1 & 2. Usual birds about fields.
 474e, 542b., 510.
 697. not seen for a day or two.
 Curlew - or other wading bird heard.

May - 3. 474e. one or two. 542b. one or two.

519. one at house on 4 eggs.
510-5 or 6 in fields.

May-4. 612 - several building.

May-13. Curlew - one quite sure I heard one.
Swallows - nest completed.

May-11. Saw half-grown yg. of W. n.
Savanna Sparrow in slough
back of barn.

May-18. Phalarope near Landing -
broken wing.

Gull - immature.

Curlew - at Landing.

Pea Ducks - several.

501b - 1 at Landing - several Springfield.

"Redwings" - several at small lake.

458 - 1 at Lagoon, Blackbirds several
at Lagoon 591b one at Lagoon.

May-19. Went to Elkhorn District.

Saw few birds.
 Wm. Red-tail. 474_e.
 Calif. Jay.
 Wm. Yellowthroat - one Tembladero.

May-20. Curlew - 3 or 4.

May-21. Wm. Savanna Sparrow - several ^{Pair}.
 612 - always about barn.

May-22. 510 - a few. 474_e.
 542_b - as usual. 273 - one.
 Gulls - about 20 flew past me.

May-23. 273. Seen flying near hill.
 Least Tern - quite a large flock
 flying over fields. 519.
 542_b. 612 - 613. nesting in old barn.

May 24. Hawk - a small one seen this A.M.
 Curlew - heard today.

May-26. Curlew - heard again.

May-27 Duck - a bright red duck seen in
 Tembladero probably ♂ Ruddy.
 Wm. Savanna Sparrow - a large
 fully-fledged young flew along
 in front of my horse - parents near
 Turkey Vulture - seen a few days ago.

June-1-7. - Few birds seen. 510-542 6, 47 4e.
 519-

June-8. White-tailed Kite - seen near
 buffalo-pen. 273 heard.

June-19. Red-bellied Hawk - seen near ^{house}.
 Least Terns - a few seen.

June-20. 612-474 e

June-26. Red-bellied Hawk - seen near house.
 194. seen near landing.
 202. 3 or 4 seen flying overhead.
 Blackbirds - a good many about
 sloughs & fields but no large bands.

542 l. one and two noticed.
 Oriole - one seen in Castroville.
 273. seen, at road to Landing.
 No ducks, geese, or Waders
 seen yet.

Crown Sparrows - a good many
 about hill. 612. 613.

458 - seen, at several places.

June-27. Russet-backed Thrush at bridge
 near Jas. Collins.

Blackbirds - no large bands
 seen yet on Palmdale road.

Turkey Vulture - one seen.

Goldfinch - several seen along P.O.R.R.

June-28. Sparrows - very numerous along P.O.R.R.

325 - one seen - 474 e. com. in small bands

360 a 1 near coopers.

June-29. White-tailed Kite - one near house.

June-30. 542 l. - 519 - 474 e. - 612 - near house.

July-1. Went to beach.

Snowy Plover-4/3- several incomplete

Least Tern-2 sets- one other nest.

273-3 or 4. 194-one.

Gulls- several- some dark-colored.

Ducks- " sea-ducks in small lake.

Horned Larks- quite a no. along beach.

519-612-613- Sparrows- numerous.

No shore birds or food ducks or
Eggs seen yet.

July-2. Owl- 3 seen near Graves- Short-eared ^{think}

Red-bellied Hawk- one near same place.

Horned Larks- large flock " " "

Goldfinches- a good many along R.R.

519-7 Sparrows. " " " " "

Crow- one near home-

612-613. 758. I think I heard one.

Blackbird- several seen.

July-3. Owl- near Graves-

Goldfinches- House Finches- Sparrows-
abundant. Red-bellied Hawk- one.

White-tailed Kite - one.

July-4. 474^e.

July-5 - Short-eared Owl - at hayfield.
 Thrushes - along S. P. R. R.
 Goldfinches - abundant along P.O.
 474^e. in hayfield & on Cooper Ranch
 325 - 2 near Graves.
 360^a. 1. " Morobajo.
 325. 2 " home.

1901. A.D.

Jan 16. On road to Watsonville
 Wn. Robin - a good many
 near San Ling.

Feb. 1. Gulls - 20 or more. Cal. 1 Wn.
 Blackbirds - a good many follow-
 ing plow.
 Pips - a good many
 Horned Lark - 3 in field.
 Wn. Robin - one.
 House Finch - 20 or 30.

boots - about a doz.
 Crows - about 100

Feb. 2. Red-tailed Hawk - one flying
 about 1st I have seen here for a
 long time.
 Gulls - a great many following
 plow. 2 or 3 - a few seen on flat.
 Small Sandpiper - a number
 seen near water hole on flat.
 Am. Pipits - seen taking bath.
 Wm. Savanna Sparrow - 3 or 4.
 Desert Sparrow Hawk - one.

Feb. 3. Showery -
 Savanna Sparrows - a doz or more
 about yard after shower.
 Blackbirds - a flock seek shelter
 under old rolled during hail storm.
 Gulls - large numbers sitting
 about fields.
 Went to Watonville.
 At Landing saw a great many

Am. White-winged Coot.
 Grebes - both large and small.
 Bluebirds - a good many in Spring ^{field}.
 Wn. Meadowlark - also seen in Spring ^{field}.
 Wn. Robins, Wn. P. Savanna
 Sparrows, Blackbirds, Audubon's
 Warbler and Goldfinches all
 seen along road.
 Flicker one - Shrike one.
 Desert Sparrow Hawk.

Feb-4. Showery - About house saw: -
 Crown Sparrows & Blackbirds.

March ¹⁵ ~~15~~ Golden-crowned Sparrows are
 still with us. Other Sparrows com.
 Killdeer - one near house.
 501b. several - 510 - com. in small ^{bands}
 519 heard singing.
 Song Sparrows - 458 - one near switch.
 Gull - pyg. (cal.) one broken leg.

March 7. 501b., 542b., 554b.

Mar-16. Gulls, very numerous about lake
and in fields following plow.
Least Sandpiper - numerous
near lake.

Mar-17. Gulls. Crows.
Least Sandpiper } numerous
Sour-toed Plover } about lake.
Shore Larks - two.
Goldfinches - 2 seen in field.
542 b. 2 or 3. 570 - many.

Mar-18. Am. Pipit - 2 or 3.
Horned Larks - one.
Savanna Sparrows - several.
Crows - numerous

Mar-19. Gulls. Crows - Blackbird -
"Jack Snipe" - Least Sandpiper - etc.

Mar-21. Cal. Gulls - immense flock
following plow.
542 b. one - 2 or 3 - heard.

Crows - a good many today.
 Least Sandpiper - seen near lake.

Mar-22. Gulls - less numerous than
 yesterday. 273 - several. 519 - a pair.
 Blackbirds - many.
 Small Sandpipers.
 No Crows.

Mar-23. 542 b. 2 or 3 - Set 1/4 taken.
 Blackbirds - com. 697 - one.
 Gulls - a few. 501 b - 2 or 3.
 Crows - common.
 Goldfinches - I think I heard some.
 No Hawks, Ducks, Curlews, or
 Herons for a long time. No Wallabies ^{yet}.

Mar-24. 273 - several near lake in field.
 Gulls - a number.
 Crows - several.

Wren - one near River.

542 b. 554 a or b. 557 - 3 or 4, 457 - one,
 325 - one - No Coot in river. 519 - adg. or so.

Goldfinches - several seen.
 Am. Pipit - about 6 seen.

Mar-25. Gulls, Crows, Killdeer, Meadow-larks, Pava nna, Song and Brown-ed Sparrows and 2 Horned Larks.

Mar-26. Same birds as yesterday.

Mar-27. Goldfinches - one or two in field
 Gambel's Sparrow - 2 or 3.

Song .. seen.

697- 2 or 3, 542 h. several, 310 a doz.

Gulls - a number. Lake nearly dry.
 Black-bellied Plover - 8 large birds
 I think belong to this species.

Mar-28. Black-bellied Plover - a band
 seen near dry lake in field.

293 - several. 697 - 4 or 5.

542 h. several.

Blackbirds - 2 kinds seen today.

Mar-30. Bittern - one seen in slough near house. I passed close to it.
 Wm. Robin - a doz. or more seen along R. R. near Moro Lago.
 Golden-crowned Sparrow - one seen near last in company with large flock white-crowns.
 Wm. Pipit - a doz or more seen today.

Apr-10. Swallows - a large band arrived about the 1st of the month.

Apr-12. Bald Eagle - one seen flying. White-tail clearly seen.
 Pelican - band flying along beach.

Apr-14. Curlew - about 30 seen flying this P.M.
 Marsh Hawk - one seen near house.
 Gulls - a few -
 325 - 273 - 554 h - 581 c - 612 - 613 - 599 -
 519 - 542 h - 458. Dook 519 - 1/4.
 Crown Sparrows still in bands.

- Apr-15 542^{lb}.
 Curlew - heard.
 Sparrow Hawk, also com. birds.
- Apr-16. 474^{lb}. 2 or 3.
 Gulls - seen and heard flying
 high overhead. 542^{lb}. 1 or 2.
- Apr-18. Great. blue Heron - one seen fly-
 ing overhead.
 Gulls - several heard.
 Quail - heard across river.
- Apr-19. Gulls - 510 - 542^{lb}. - 519 - Quail heard.
 Swallows - building on barn.
- Apr-20. 325 one. Gulls - a few seen.
 Small Sandpiper - 8 or 10 flying low.
 Curlew - I think I heard this sp.
 Am. Titlark - at least 6 or 8 seen.
 542^{lb}. - 474^{lb}. - 519 - 612.
- Apr-21. Small Sandpiper, a doz seen near ^{river}.

Ducks - 6 or 8 in band in river.
 One / Dory Duck on beach.
 House Finch - a number of nest
 in old barn with incomplete sets.
 458 - one -

Crown Sparrows - a good many
 on sandhills in dunes along beach.
 Divers - 2 or 3 seen in river.
 542 b. 6 or 7 noticed today.
 474e along beach and in fields.
 697 - 2 or 3 seen. 710 - 2 addled eggs.
 Cal. Quail - one flushed from bush
 on sand dune - 273 - several along
 river. 325 - one.

Snowy Plover - about a doz. seen
 along beach.

Gulls - seen circling high in air
 apparently sporting in wind.
 Large band in P.M. on sand bar
 at river mouth.

April - 22. 697 - 2 or 3 seen this A.M.
 474e. several.

Gulls - a few flying overhead
and a large band along beach.

Apr. 23. Gulls - a band flying inland.
Curlew. I think I heard them.
474e - 697 - 542b. - etc.

Apr. 24. 697 - one seen today
474e - several pairs.
542b. seen in field. 2 or 3 or 4.
Gulls - innumerable flock offshore
flying, circling and screaming
as if over a school of fish.
519. 554a or b. 612 - Nest nearly complete.
Heard Curlew I think.

Apr. 25. Cormorant - think I saw one.
Gulls - one or two seen.
697 - one or two - 474e - 542b.
510 - a few pairs seen in field.
554b., 581c or d. seen near river.
612. 325 one - 2 or 3 seen.

Apr. 26. Horned Lark - Saw a yg bird, belonging to this species I think.
 Least Tern - seen.
 697 - one still here.
 542^h. 273 etc. - as usual.
 510 - several in fields.
 Gulls - quite a band in field.
 Curlew - 6 large birds seen I think they belong to this species.

Apr. 27. 697 - about a doz. seen today.
 273. several. 542^h. - 474^h - 510^h &c.
 600 - one in river.
 581^h & 554^h - several of each.
 Black-crowned Night Heron -
 a solitary bird flying along river.
 Gulls - ygl^h w. and d. cal. after plow.
 325 - one -

Apr. 28. House Finch - 1/4 from old Phoebe's
 nest in old barn.
 Golden-cwd. Sparrow - one.
 "White-cwd" .. many

458-one-612-several-519-many
many nests -
Curlew-heard today.

Apr. 29. Had $1\frac{1}{4}$ " rain, last night - showery
today -
Curlew-heard- 4742, a pair.
542 b. a pair about house - quit tame.
Night Heron - flying overhead.

Apr. 30. Long-billed Dowitcher. 3 in slough
near house.

Small Sandpiper - several, seen
at same time & place, as last.
Bob. Partridge - one seen along
R. R. near Reiter place.
Red-wings seen along slough.
Curlew I think I heard this sp.

May-1. Golden-crowned Sparrow - at
least one seen at sand-hill.
House Finch - $3\frac{1}{4}$ from old barn.
Snowy Plover - several along beach.

Gulls - seen on sand-bar
at river mouth.

Least Tern - seen - 273 several.

554b. - 542b. - 519 - 581c, or d. 458-1 or 2.

Have seen no 697 for a few days.

Blk-cwd. Night Heron - seen in
tules near river. 612.

Am. Coots - one or two in tules.

May-2. Ducks - 4 flying near river.

May-3. 542b. - 519 - 612.

May-4. Curlews - this or some sp. resemble
it seen today and yesterday.
325-one - 542b. in slough near house.
Barn Swallow - seen flying about.
612. Building nest destroyed by rain.
273 - heard - 510 - a few seen - 519. several

May 5. Curlews - a dozen or more alighted
in field. Heron. one flying this P.M.
510 - 519 - 542b. etc.

May-6. Curlew-40 or 50 in band in field.
 Gulls- a single bird flying oceanward.
 Swallows- a dozen or more cliff- one Barn.
 273-3004. 510. several- 519-542 l.
 474e. etc. 325 one.

May-7. Curlew- many bands seen today
 Heron- one St. Blue seen.
 510- a doz. or so.

May-8. Curlew several band ^{one} of 14 or 15.

May-9. Curlew- 15 or 20.
 Blackbirds- 12 or 14.
 Gulls- one.

May 10. Gulls- one juv. Wm.
 Curlew a band of about 20.
 510- 10 seen at once.

May 11. Curlew- about 20.

May-12. Am. Dunlin- 4 or 5. feeding in river

near sand hill in shallow water.
Black-crowned Night Heron - about
a doz. seen in tules ^{along} near river.

2 or 3. several along river.

Black-bellied Sandpiper. seen
in company with 1 or 2 last.

Gt. Blue Heron - one seen ^{along} river.

Gulls - large band on sand-bar.

Snowy Plover - several seen ^{along} beach.

Least Tern - several near river ^{mouth}.

Crown Sparrows - in shrubbery
near sand-hill.

Curlew - quite a large band
near river mouth.

542 h. - 2 about house. 4742. several.

Kingfisher one flying about hill.

May-13. Blk-crowned Night Heron. seen in
bunches of tules along river.

May-14. Black-crowned Night Heron.

2 or 3. seen near river.

Curlew a flock of nine in field.

510 - a flock of 20 or more.
 4742, several. 542b. 519 - both seen.

May-15. Curlew - 10 or 12.
 273. seen near slough by house.
 510 - 519 - 612 -
 Gull - one juv. Wm. in field

May-16. Curlew - several.
 Killdeer - heard.
 542b. 510 - 612 - 519 etc.

May-17. Wm. Savanna Sparrow - 2/5.
 both parents seen. - 273.
 Gambel's Sparrow - several.
 Red-wing Blackbirds - one or two.
 Mourning Dove - one in field.

May-18. 273, 5542, 542b, 612, 519 etc.

May-19. 4742, 612, 273, 542b. etc.

May-20. 542b. several noticed.

273. in slough near house,

May. 22. 273. several in slough.
 Large Hawk - one probably Red-b.
 474_e. several in field.
 510 - common - 458 - one near slough.
 612 - 613 - common. 519 - several.
 542_b. - several.
 Curlew - heard twice today.

May - 23 - 510. several - "Red-wing" - one
 273. several in field - 474_e. 542_b.
 Heron - (Blk. and W.) one overhead.

May - 24 - 25 - 26 - 27 -
 Night Heron - several lately.
 Macgillivray's - am quite sure
 I saw one at sand-hill.
 Russet-backed Thrush - several
 times of late I have heard
 them singing in willows.
 273 - 542_b - 554_a 510 - 519.
 Hummer - Two seen on 26th.

Goldfinches - two seen near barn.
612 - 613 - common - 458 - seen.

June - 5. 325 - one seen several times.
Marsh Hawk - think I saw one.
542b. many - 510 - 519 - 499 - 474e -
273 - 612 - 613 - 554a.

June - 6. 542b. - 612 - 613 - and a few others.

June - 7. 519 - 458 - 612 - 613 - 474e. etc.

June - 8. 474e. several. Herons - 2.
581s and several near river.

June - 12. 474e., 581s and, 542b, 519, 202
(several flying overhead) 612, 458 - etc.

June - 13. 474e. 510 - one.

June - 18. Russet-backed Thrush - a great
many heard on 16 + 17 - in Watsonville.
Meadowlarks - a good many at Spring^{field}.

Blackbirds. Several with yellow wing patches in Springfield.

360^e Same place as last.

Near home have noticed: -

202- 3 flying near river.

554^a, 581^c or ^d, 542^b, 474^e.

Goldfinches - very com. in willows near river mouth.

June 19. Wm. Meadowlark - heard singing
542^b seen in grass of plough^{near house}

June 29. Night Heron - heard.
554^a, 474^e, 510, 501^b - several, 612
(many), 613, 758 (I think I heard
this bird.)

June 30. Russet-b Thrush - I ~~think~~ heard
them singing along old river.
519 - sev. seen.
474^e - quite a number.

July 2. 474^e, 612, 613 - all seen in fields.

July-4. 613- seen- 612- many, 474e several,
 542 h. seen near house.
 519- several- a family of yg. apparently.
 510- several seen.
 No others seen unless it was a Porro.

July-6. 325- seen on ground eating dead ⁷ ~~7~~ ⁹ ~~9~~ ¹⁰ ~~10~~ ¹¹ ~~11~~ ¹² ~~12~~ ¹³ ~~13~~ ¹⁴ ~~14~~ ¹⁵ ~~15~~ ¹⁶ ~~16~~ ¹⁷ ~~17~~ ¹⁸ ~~18~~ ¹⁹ ~~19~~ ²⁰ ~~20~~ ²¹ ~~21~~ ²² ~~22~~ ²³ ~~23~~ ²⁴ ~~24~~ ²⁵ ~~25~~ ²⁶ ~~26~~ ²⁷ ~~27~~ ²⁸ ~~28~~ ²⁹ ~~29~~ ³⁰ ~~30~~ ³¹ ~~31~~ ³² ~~32~~ ³³ ~~33~~ ³⁴ ~~34~~ ³⁵ ~~35~~ ³⁶ ~~36~~ ³⁷ ~~37~~ ³⁸ ~~38~~ ³⁹ ~~39~~ ⁴⁰ ~~40~~ ⁴¹ ~~41~~ ⁴² ~~42~~ ⁴³ ~~43~~ ⁴⁴ ~~44~~ ⁴⁵ ~~45~~ ⁴⁶ ~~46~~ ⁴⁷ ~~47~~ ⁴⁸ ~~48~~ ⁴⁹ ~~49~~ ⁵⁰ ~~50~~ ⁵¹ ~~51~~ ⁵² ~~52~~ ⁵³ ~~53~~ ⁵⁴ ~~54~~ ⁵⁵ ~~55~~ ⁵⁶ ~~56~~ ⁵⁷ ~~57~~ ⁵⁸ ~~58~~ ⁵⁹ ~~59~~ ⁶⁰ ~~60~~ ⁶¹ ~~61~~ ⁶² ~~62~~ ⁶³ ~~63~~ ⁶⁴ ~~64~~ ⁶⁵ ~~65~~ ⁶⁶ ~~66~~ ⁶⁷ ~~67~~ ⁶⁸ ~~68~~ ⁶⁹ ~~69~~ ⁷⁰ ~~70~~ ⁷¹ ~~71~~ ⁷² ~~72~~ ⁷³ ~~73~~ ⁷⁴ ~~74~~ ⁷⁵ ~~75~~ ⁷⁶ ~~76~~ ⁷⁷ ~~77~~ ⁷⁸ ~~78~~ ⁷⁹ ~~79~~ ⁸⁰ ~~80~~ ⁸¹ ~~81~~ ⁸² ~~82~~ ⁸³ ~~83~~ ⁸⁴ ~~84~~ ⁸⁵ ~~85~~ ⁸⁶ ~~86~~ ⁸⁷ ~~87~~ ⁸⁸ ~~88~~ ⁸⁹ ~~89~~ ⁹⁰ ~~90~~ ⁹¹ ~~91~~ ⁹² ~~92~~ ⁹³ ~~93~~ ⁹⁴ ~~94~~ ⁹⁵ ~~95~~ ⁹⁶ ~~96~~ ⁹⁷ ~~97~~ ⁹⁸ ~~98~~ ⁹⁹ ~~99~~ ¹⁰⁰ ~~100~~ ¹⁰¹ ~~101~~ ¹⁰² ~~102~~ ¹⁰³ 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Calif. Shrike - one near Blanco.
 Cliff Swallows - a great many
 Barn .. - a few.
 Heron - one.

July-15. 474e - a doz or so in my garden
in slough. 612, 519. etc.

July-16. 501b. one seen today. 519.

July-17. 519. 50 near house - many yg.
Hummer - one.

July-18. Meadowlark - many in dry
 slough across the track.
 474e. 15 or 20 - at last place.
 510 - many with above.
 519. 612 - 613 - 542b (a few.)

July-28. 474e. a large flock near Castro-
ville depot where I am hauling
hay.

Curlew heard several times

and 4 or 5 seen flying high.
Black-crowned Night Heron -
seen several times.

Desert Sparrow Hawk - seen
near my place.

Red-bellied Hawk - seen near ^{de} Pot.
612 - 613 - 5426 - 4742 - 554a on 6.

July-29. Curlew - heard today. 612 - 613.

Night Heron - heard tonight.

Blackbirds - immense flock near ^{town}.

July-30. Yellow-throat - a pair in tules.
613 - several at same place.

July-31. Black Phoebe - perched upon tules.
Blackbirds - large flock in distance.
Goldfinches - heard - 579 - 742 - 612.

Aug-10. Hummer - 2 seen in garden.
Curlew - a band of about 15 seen
near beach circling about.
Shrikes - seen several times ^{late}.

Aug-16. Ducks - a large band seen flying yesterday and a similar one today.
Blackbirds - everywhere in ^{bands}

Aug-19. Red-tailed Hawk - seen twice
Blackbirds - large bands.
612, 613, 5426. etc.

Aug-22. Ducks - seen in distance.
Curlew - heard and seen.
Brown Sparrow - in bands in weeds at sand-hill.
519. 100 or more in band at hill.
325 seen today.

Aug-27. Ducks & Curlew - seen in bands.
On road to Watsonville on 25th
3609, 3376, 4748, 273 abundant.
Heron - at Moss.

Sept-1. Shrike - one.
Blackbirds - abundant.

Ducks & Curlew - seen and heard.
 273 - heard - 431 - seen about garden.
 542 l., 581 & ord, 474 l., 534 a or l.,

Sept-6. Ducks - large band seen tonight.
 Lesser Sparrow Hawk - 2 today
 Red-bellied Hawk - one.
 Horned Lark - many.

Sept-9. House Finches - many
 Gt. Blue Heron - seen this a.m.
 Anna's Hummer - one.

Sept-18. Night Heron - 3 flying thru fog.
 Red-shouldered Hawk - seen.

Sept-19. Curlew - about 20 - flying north.
 325 - 2, 360 a - one, 458 - one, 431 - one
 519 - several, 510 - a good many.

Sept-27. Ann. Pipit - first seen today it
 was near river by Chinamen's house.

Sept-30. Say's Phoebe - 1st seen today
but I think I heard one yesterday.

Oct-8. Curlew - seen a day or two ago.
Ducks - 2 or 3 bands seen today.
Golden-crowned Sparrow - 2 seen.
560a, 339b.

Oct-9. Marsh Hawk - one seen today
Quail - heard this A.M. - from
sand dunes across river.
325 - saw - one yesterday.
Horned Larks - several seen today.
458 one seen. 510. Common.
542b. - seen in potato field.

Oct-10. Horned Lark - several seen.
Wn. Meadowlark - one.
458. Blackbirds - a very large
flock seen.

Oct-11. Goldfinches - 8 or 10 in a
milkweed patch.

Oct. 12. Goldfinches - seen again today.
 Jay's Phoebe - one about house.
 Ducks - a small band seen.

Oct. 14. Am. Pipit - quite a large no. seen.
 Goldfinches - a large band.
 House Finches - two near house.
 3376. one seen flying about field.
 5426. several.
 Ducks - seen.

Oct. 16. Nuthatch - Canada I think.
 Yellow-throat - one at sand-hill.
 "Butter Balls" - quite a number.
 Coots - a great many in river.
 Grebe - a small one seen.
 273. seen - 194. one, Crows and
 Song Sparrows, Horned Lark.
 Paranna "
 Hummer - one at sand-hill.
 Ducks - a large band at Landing.
 5016 - several at Landing.

1901. A. D.

Nov-2. Grebe - quite a large band.
 Owl - one heard.
 Hawks - Desert Sparrow and
 Red-bellied.
 Wn. Meadowlark - have been
 seen frequently here and while
 passing through Springfield.
 Cooters (Probably Am. White W.)
 Cal Gulls.
 Grebes (Am Eared & Red-billed)
 Phalaropes - 6 or 8 seen swimming
 about in slough near Moss Landing
 store.
 Shrike - one seen a few days ago.
 Killdeer - one heard at night.
 Hummer - heard in my back yard.

1902. A. D.

Feb-4. Goldfinches - a band of 20 in field.
 Gulls - large no. of Wn. and Cal.
 Titlarks common.
 Blackbirds - common.
 Desert Sparrow Hawk - one.

1902-A-D.

Feb. 5. Gulls - a few seen.

Killdeer - 5 seen.

Titlarks - 7 Paranna Sparrows - com.

Horned Lark - one.

July - 28. Marsh Hawk - seen today
for the 1st time since they
retired to nest.

Wm. Red-tail - seen a day or two^{ago}.

Horned Larks - 50 or more seen
in one flock two days ago.

Turkey Vulture - seen a short
time ago.

July - 29. Turkey Vulture - one today.

Horned Larks - a number.

July - 30. Phalaropes - 2 or 3 - seen on Watsonville^{road}

Sparrow Hawk - 1 " " " "

Red bellied " 1 " " " "

Least Tern - several near Landing.

Skew - a large one seen near

Landing.

1902.

Aug-9. Gulls - Skerrmann's & others.
Hawks - Marsh, Sparrow and
Red-bellied.

1903.

1903. A. D.

Jan-30. Crows - an immense flock
in field during flood.

Gulls - many swimming in
flood water.

457 - one - Wren - one heard at hill.
Yellow-throat - one at hill on 29th.

Ducks - a few bands today.

Geese - large no. in flood water.

Grebes - a few seen in river.

Jan-31. Gulls - large band in pools left
by flood. yg Wn - yg & ad. Cal and
perhaps others.

Bay's Phoebe - one seen today.

Desert Sparrow Hawk - one.

Rain and sunshine alternately.

Rain setting in steady at night.

Feb-1. Gulls - yg Wn - ad. & yg Cal - a

a great flock about waterpool in
slough. many flying also.
Am. Coot - immense no. in
field & in slough.

Sparrows - a great many brown
& song in shrubbery at hill
Wm. Paranna - a good many in
field.

510 - common - 458 - 457 - 2 or 3 each.

Wren - one heard at hill.

Burrowing Owl - 3 at hill.

Desert Sparrow Hawk - one at ^{house}
crows - a great many with Gulls.

Heavy rains last night - clears
today - wind W.

Ducks - one or two bands in dist-
ance.

Feb. 3. Strong S. E. wind in A.M.
changing to S. W. and W. Very cold.
Clear - then cloudy - heavy S. W.
wind and rain.
Snowy toward night.

Desert Sparrow Hawk - one
shot near house.

Savanna Sparrow - two
separate bunches - of several
individuals each.

Crows and Gulls - hardly any
in this immediate vicinity.

Feb. 4. E. wind early - little or none late -
ler. Clouds floating overhead
nearly all day.

Gulls - only a few seen.

Wm. Savanna Sparrow - a doz.
or more in one band.

457 - two - Shrike - one.

Marsh Hawk - one.

Blackbirds - a good many
4 shot.

Audubon's Warbler - one near
Chinaman's house.

Feb. 5. Clear & cold - little wind - heavy frost
Marsh Hawk - one seen flying

about not far from house.
 542^b. many. Crows - heard.
 Gulls - don't remember of seeing any.
 Ducks - Heard there was many Canvas-
 backs in river and small ponds.
 Swallows - same as seen before,
 again noticed at same place.

Feb. 6. Clear - cold and a S.E. wind in A.M.
 Hazy and clouding up from
 N.W. in P.M.
 Gulls - a band of about 20
 flying inland at 8 A.M.
 Marsh Hawk - one flying about
 fields.
 Arn. Pipits - quite a good
 many about fields.
 Desert Sparrow Hawk - one
 seen near Tembladero.
 457, 542^b, 510, 488, 581 and, 554 &
 etc.

Feb. 7. S.E. wind in A.M. changing

to S. towards night. Hazy in early morning, clouding up later and beginning to rain about noon, increasing towards night.

Wm. Meadowlarks - 20 or 30 seen today. Nearly 15 in one flock.

Savanna Sparrow - a great many seen today on alfalfa and in slough - nearly a hundred.

Calif. Shrikes - one.

Bay's Phoebe - two.

Gulls - a yg. Wm. seen near dead salmon in field.

Turkey Vulture - one seen flying about.

Jan. 8. Clear - a few floating clouds. Hazy during part of A.M. but very clear at night. Went to beach.

Gulls - a great many on sand bar at river mouth. one shot, an

immature Cal. I think.

Am. Bittern one shot.

Small Sandpipers - several quite large bands seen along river and around water-holes in field 273. heard about water-hole tonight.

Ducks - several large bands in river and lake.

Seal - about a doz in flock.

Some Shovellers, and I think some Canvas-backs.

White-winged Scoter - one.

Butter-balls - quite a large band in lake near river-mouth.

Hard-heads - one or two.

Sparrows - many - all com kinds.

Audubon's Warbler - one at hill.

454 - 501 b (several), 697 (several),

194 - (3 or 4), Blackbirds - a good many.

Am. Coot - many.

Grebe - one in small water-hole near Buckskin's.

Quail - a few in willows near river

Feb-9-10-11-12. Weather has been clear and generally cold, wind changeable - usually from E. or N.

Quail - 4 shot - others seen.

Wren Tit - heard in willows ^{river} near

Owls - several seen - Barn-

Burrowing and I think Short-e. Eagle - heard that one was seen near hill.

Small Sandpipers - several large bands along river

Am. White-winged Scoters - a few have been seen.

"Fan-tails" and "hard-heads" seen.

Sparrows, Blackbirds, Shrikes (1) 697, 194-(2 or 3), 202-(3) all have been ^{seen}.

Feb-13 Went over to beach.

Am. Sittarks - a great many Gulls - a few - 1 or 2 yg. Wn. sitting around close to water's edge.

Swallows - a doz. or more like

above mentioned seen.

Least Sandpiper - several flocks of from 1 to 2 doz.

Audubon's Warbler - one seen at hill.

Seal - two seen in slough - later in river - very shy.

Sharp-shinned Hawk - ♀ shot.

194 - Linzfield - many com. birds also.

Feb. 14-15-16 - Weather extremely cold in A.M. - pleasant later - usually a little S.E. or E. wind. All com. birds seen including 501 ~~b~~, 194, 697, 510, 499, 542 b, 581 s ord, 30, 49, 273 - 360 a.

Marsh Hawk - one seen several times.

Ducks - 2 or 3 flocks seen late last night after dark.

Am. Barn Owl - 2 seen last night.

Robin one about house a do. or two ago.

Feb-17. Hy 42. one in field.

Wm. Robin - one seen near Chinamans house by river.

Gull - one flying about in A.M.
// seen flying seaward after sunset.

Am. Pipit - many in field following my harrow in search of worms, & grubs.

Marsh Hawk - one seen.

273, 510, 144 - (3 flying together), etc.

Feb-18. 697-457-510-501b-542b.

S. E. wind in A.M. W. in P.M.
cold in morning and hazy nearly all day.

Feb-19. S. E. wind in A.M. Quite strong W. wind in P.M. sometimes hazy. Birds very plentiful in field.

At one time the following were seen:- 697 - (50 or more), 510 (about 40) 273 - (3 or 4) 4742 - (2). 501b - about a doz.

Following also seen:- Shrike one.
 454-2- 542 b. (2 or 3 in slough.)

Feb. 20 to Mar. 24.

A Brief Summary.

Gulls - none seen inland for a long time.

Eagle - one seen several times of late, a few days ago was seen circling above house.

Curfew - one flying high on 22 no inst.

Sparrows - Song & Brown & Pavan -
 na. com. as usual and often seen.
 501b - frequently seen.

221 - many in river - a few seen in Pajaro River near Sargents.

House Finch - several about house -

locating nesting places no doubt. Have been to Landing several times of late - very few birds seen.

Divers - several at Landing.

Dub. Wren - seen several times

near old bridge.

Gray Phoebe still with us.

Swallows - very abundant.

Hawks - few have been seen lately - sometime since saw a Red-tail flying about fields near house.

Horned Larks - several have been seen about fields.

Mar-25. Partly cloudy nearly all day quite so at nightfall.

Blizz Swallows - many seen today - several about old nesting place on barn.

519 a pair or two about house.

Mar-26. Partly cloudy today.

Marsh Hawk - one seen flying about hill.

Black Phoebe - one seen at old barn - It flew from a nearly finished nest.

Goldfinch - Think I heard one near house.

Common birds as usual.

Mar-27 Cloudy - rain threatening.
Hummer - Think I heard one today.
bluff Swallows - very abundant.

Mar-28 Raining all night - showery today.
Went to beach in P.M.
Am. Barn Owl - one shot at hill.
Ducks - a large band. Spoon-bills mostly I think. 194 - one.
Am. Coot - large band in river.
Gulls - a large band on sand bar at river mouth - large and small, young and old, none seen ^{closely}.
243 - heard at night. 697 - 3 or 4.
Sparrows - many seen mostly white-crowned.
Cal. Thrasher - 2 seen on sand-hills across river.
Goldfinch - heard near base of sand-

hill across river.

4-7-42. one or two seen.
Quail - was told that 6 or 7 were
seen in sand-hills.

No waders seen today - not
even Snowy Plover.

Nov-29-30. Say's Phoebe. one still about
Junco - one shot at old house.

Nov-31. Storm still continues.
Golden-crowned Sparrow. one
shot - many other sparrows. white-
crowned & Song - seen about hill.
Wm. Savanna Sparrows - a
good many seen about both
houses.
House Finch - many at old barn.
Brewer's & Red-wings - a good
many about home, at hill
and ~~about~~ in willows near
river mouth.
Ducks - a large band at distance

probably Spoon-bills.

Bush-Tit. Found nest in process of construction in young willows but heard or saw nothing of owner.

Quail a half-dozen or so seen in brush along river a pair shot. W. Yellowthroat. a ♂ of this species - seen closely in low brush in sandy overflowed land near river.

Comorant - one seen flying while I was near river.

Black Phoebe. one at hill.

Cliff Swallows - many.

Apr. 1. Large Hawk - probably Red-tail.

Deal. 2 killed ♂ & ♀ Green-winged.

542 b. a dozen or so. + 54 - one.

612, 619,

Apr. 2. At Monterey Comorant - seen on rocks. Meadow-Larks - seen from train.

Apr-6. Went to Watsonville many birds at landing.

Mergansers - 2 or 3 pair greatly resembling the mounted birds seen at Monterey and were no doubt fish ducks.

Grebes - several large ones.

Gulls - many seen.

White-winged Scoters several.

Apr-12. During past week I have noticed the following.

- Am. Stilts - many today fields.
Horned Larks - 2 or 3 pairs stay about my ranch.

Wn. Savanna Sparrows - many about a doz seen in one band.

Terns - quite a large band sporting in winds over my field 2 days ago - the 1st seen.

Barn Swallows - 3 - the 1st seen were noticed about a week or a little more ago - seen several

times since.

Owls- 3 large ones seen in grass along river on the 7th perhaps long ceased. 194-3 seen at same place as last.

Gulls-many on sand bar at river mouth-and lately in fields also.

Gambels & Golden-crowned Sparrows-many as usual in shrubbery about sand dunes and on the hill.

House Finch-may be seen about nearly any building and in other suitable places.

Killdeer-several about water-hole in fields.

Small Sandpiper-many at same places as last.

Four-toed Plover- 20 or 30 in band with last at same place.

Eagle-heard that one had been seen near here a day or 2 ago.

Marsh Hawk-one seen not so very long ago.

Ducks - two red ducks - perhaps
Ruddy seen in Tembladero.

April 13. Eagle - a large one with
white-tail seen near here.
4-toed Plover - a large band on
ground in flat - got 10 ^{at} ^{once} ^{flew}
flying close to the ground.
Am. Pipit - several in bright
spring plumage -
Savanna Sparrow - several
seen in one band today.
44l. one or two seen.

April - 14. 325. One seen today.
Gull - one or two immature
medium sized Gulls seen.
Gambel's Sparrow - several in
fine spring dress.
Golden-crowd Sparrow one in
spring dress. Two wide black
stripes - one on either side of the
head, with a light golden yellow

stripe in the middle.

Barn Swallow - a pair seen on telephone wire at switch. #58 one at switch - Have not seen #57 for a few days.

Apr-15. Barn ^{and} Cliff Swallows - a good many seen.

697 - common - all in new spring clothes.

4742 - 5426. One Gull.

Weather cloudy growing dark and threatening rain at nightfall.

Heavy S.E. wind in A.M.

Apr-16. Eagle - one seen today
Curlew - 7 in band flying low - also usual birds seen.

Apr-17 Eagle - seen at short range. ^{N.B. See notes.}
Turkey Vulture - same as last.
4742 - 697 - 510.

Gulls - many seen at distance
near river mouth.
Curlens - one.
Other birds as usual.

Apr. 22. Marsh Hawk - one seen flying.
Gulls - one or two seen about
fields.

Apr. 23. A good many Gulls seen
today mostly single birds or
pairs.

Apr. 29. Curlens - a band of 19 flew
past me today flying low,
also seen at distance circling
about.

Marsh Hawk - one seen.
Small Sandpiper - a band
seen flying today.
697 seen a day or two ago.
4742. several about fields.
Eagle & Turkey Vulture seen not

long ago.

May. 2. 697. at least one seen today.
444. 2 or 3 pairs seen every day
in field.

Turkey Vulture - one seen
nearly every day.

Gulls - seen daily. Yesterday
quite a large band.

519, 510, 542. all seen.

May. 5. ¹⁹⁰³ Many redwings seen
on road to Salinas.

Turkey Vulture - one.

No notes taken until the
following date: -

January - 25 - 1904. 510 seen -

542. a good many about
barn yard.

Gulls - many of the Cal. sp.
following plow.
697 seen.

Hawk. I think I saw a Sp. Hk
this a.m.

Jan-27. Gulls - quite a large band
seen flying overhead at day-
break - also a good many
following plow yesterday and
today.
Killdeer heard at night
about house both last night
and tonight.

Feb. 4. Gulls - a large band sitting
on plowed land facing wind.
Burrowing Owl - one seen in
my field (in low flat.) at mouth of
its burrow which was under
a large clod formed by a road
being plowed up.
Killdeer - heard a good many
times lately about the house
in slough usually at night.
Western Meadowlarks - quite

a large band near barn.

Feb. (2) Rainy and stormy weather heavy south wind. little rain falling however clearing up in late P.M. Not many birds about house.

Wm. Savanna Sparrows - Probably 50 in vicinity of house 2 shot in yard.

510. a small band near house.

501 b one or two in field near house.

Marsh Hawk - one in bright plumage near house.

Sparrow Hawk one seen at same time as last.

Feb. (2) Heavy frost clouding up quite heavily towards M. S.E. wind.

Raining a little.

Shrike - one about house - I think this one has been in this vicinity all winter.

Feb. 22. A small dark-colored Hawk seen today - Presumably a Sharp-shinned.
 Savanna Sparrow - several seen.

Feb. 27 - Raining all day - clearing a little towards evening.
 501b - quite a large band near house this morning.
 Large Hawk - one flying near house.

No Gulls seen for sometime.
 One 542b. seen yesterday but no large numbers as were seen sometime back.

An English Sparrow seen about house a few days ago.
 He remained about two days.
 Kildeer - one heard tonight while writing these notes.

Mar-1. Burrowing Owl - One seen yesterday by "Buffalo Pen" along P.V. R.R. Very tame. Rig passed within 6'. Goldfinch. Heard one near house today.

Wm Meadowlarks quite a number about.

Swallow - The 1st of the season seen along Fernbladers near town.

Weather has been fine since rain on 27th ult. although a trifle cold in morning.

Mar-2. Weather fine - a trifle cloudy in A.M. and foggy for a short time clearing towards evening. River rising and covering low flats and portions of land "on the point."

Geese. Think a band of large birds I saw at a distance seated on sand bar across river were

Geese-

Gulls- many swimming in river also large band on sand bar near last species -

Coot - a number in river and in Tembladero near old bridge.

Ruddy Duck - quite a good sized bunch in river.

Kite - One flying about piece of waste land near river uttering its peculiar cry or whistle also hovering its wings or rather vibrating them in a way quite unlike its usual motion when hovering.

Sparrow Hawk - a very dark specimen seen flying low along slough at old bridge.

542 le 2 or 3 seen - 501 le - a large band, one shot, 458 - one near old barn - 697 - heard, 622 le one at hill, - 519 several about old barn, 365 - one seen that had been shot near hill, Crown Sparrows many seen about hill and in brush

of over flowed land - Song Sparrows
 seen ~~many~~ with last, Blackbirds a
 flock seen,
 Goldfinches - Heard several in
 small willows of over flowed land.
 Bush Tit - heard with last.
 Wren Tit, heard along river -
 325 - one - also one large hawk.
 413 - one seen in low land near river -
 273 - heard - No 457 seen for some
 time - No Robins seen this year -
 No good Ducks for some little time.

Mar. 28. Am. Pipit - a greater number
 seen today than I have seen
 for a long time.

Long-billed Dowitcher - two
 noticed along slough near
 my house during the
 flood a day or two ago.

Marsh Hawk - one seen
 recently.

Eagle - one seen a few days ago.

Ducks - several kinds including Teal and Spoon-bills seen lately.

Mar. 31. Today have seen: -
 Goldfinches - a half dozen ^{more}
 510, Brown Sparrows - Gulls
 at distance. 697 - still here
 542b - several seen -

Apr. 1. Swallows - seen today at nesting place under eaves for the first time altho they have been here nearly a month.
 697 - still here 542b. several noticed today along rail road and on my alfalfa patch.
 Curlews - heard today.
 Goldfinches - seen along P.V. R.R.
 Brown Sparrows - a good many seen today - all seen closely were white-crowns.

Oct. 20-1904. Clear. very warm in mid day.
 Hermit Thrush - one seen near
 water hole by "Buckskin Joe's House"
 Barn Owl one seen among
 willows at same place -

Feb. 6 - 1905 - 657 - many among willows
 along slough in town.

Feb. 8 - 1905 - 501b - several near house -
 Hawks - 2 - (sp.) 542b., 510, 325(2).

Feb. 9. 510 - 501b - 542b - 457(1) - Crown Sp. etc.

Feb. 11 - 332 - sitting on fence - etc -

Feb. 13. 657 - several about willows of slough.
 Coots - several near old bridge.
 Tule Wren - in tule near old bridge.

Apr. 30. Lark Sparrow - seen 3 or 4 miles
 E. of town in San Miguel cañon.
 Wren Tit heard.

May-1-1905 - cloudy raining hard at night
 Curlew - 4 or 5 seen today -
 Horned Larks - Savanna Sparrow etc.

May-5. Gallinule - one in slough near
 old bridge also a "red duck."
 612, 613, 542b, etc.

May-8. 10 Curlews - flying low as if to alight.
 501b - 1 in slough near house -

May-10. W. n. Meadowlark - 148 n - taken on
 Doherty Ranch near San Miguel Cañ.
 481 seen -

May-11. 325 one flying about house -

May-13. 542b - seen on alfalfa -

May-14. Kildeer - one seen along river
 at end of my place - 581c at same
 place -
 Went to San Miguel Cañon

Quail - many in pairs - no yg.
 Spurred Towhee - 1 seen, 458 - one.
 Calif. " 2 or 3. 510 many.
 Jay - several seen - 519 several.
 Goldfinches - several - Song Sp. - several.
 Bl-head. Grosbeak. I think I found
 nest of this sp. in vertical fork of
 yg willow along creek -
 742 - heard - 3376. one seen flying -
 Gulls - sev. immature in my field -

May-15. E. wind in A.M. Very hot.

May-16 - Great change in weather - very ^{foggy}.
 Least Terns - 2 or 3 seen - I think I
 heard them on 13th - Goldfinches 510.
 Horned Lark - seen in field today.

May-21-1905 Goldfinches - many. 3 nests.
 Yellow-throat ♂ in low weeds in
 "pasture land" near river.
 Russet-backed Thrush - heard in
 willows by river.

Quail - heard -

Dong Sparrows - several seen -

Blackbirds - Bi - & Brewer's many -

Savanna Sparrow - 2 pr on my alfalfa -

May-22. Dong Sparrows - located several nests.

Barn Swallow - 1/5 -

W. Yellow-throat - heard singing ^{today}

1906. (A. D.)

Jan-18-1906. Raining all day - southerly wind
Hard rain tonight.

Least Wm. Sandpiper seen a
day or two ago at water hole left
by overflow.

Ducks - a band of a doz or so
seen flying overhead.

3609 one on post near house.

325- 40 or 50 seen circling about
on Doby ranch.

Audubon's Warbler - about house ^{today}
Crows - several hundreds about
fields during flood also a few Gulls.

Jan-19-1906. W. n. Robin - one today the 1st ^{this} year.
 457- one on fence near house.

Jan-20- River overflowed flat today
 although mouth was open.
 Short-eared Owl - one seen flying
 over river.

Ducks - 2 or 3 bands seen - one small
 probably Seal - others large con-
 spicuously white probably Caspian.
 Small Sandpiper - a flock near ^{River} mouth.
 Gulls - a good many along river.
 Ruddy Duck - one seen in slough
 near old bridge.

Jan-21. Quail - a ♀ about house all day.
 Paranna Sparrows - a doz. or so
 in one band about house today.
 510 many - 5016 - several seen
 in stubble land today.
 519 - one about house today.
 Hawk - Think I saw a Marsh today.
 3602 one.

Jan. 22. Clear in A.M. clouding in P.M.
 221- many in slough.
 Ducks- 2 large Spoon-bills in
 water- pond- a band seen this P.M.
 Eagle- I think I saw one on
 ground in a stubble field but
 was not close enough to tell.
 Crow- one in company with
 last eating something.
 Other common birds as usual.

Feb. 1-1906. On the 25th, 26th and 27th of
 Jan. was at Doby ranch.
 Juncos- quite common.
 Killdeer- a good many seen.
 Calif. Jay- one or two seen.
 Turkey Vultures- 40 or 50 in band.

Feb. 2. Cloudy today- S.E. wind.
 5016- 697-

Feb. 14. Showery and rainy all day
 today- southerly winds.

510 - a band about house.
 656 one or two about house.
 457. one near barn.
 542b - several on alfalfa.
 Barn Owl - seen flying about (1).

Feb. 15. Cloudy and hazy - little wind.
 656 one 510-519 - large band in yg
 willows in river bottom.
 Gambel's Sparrow - many about hill.
 221 - 20 or 30 along river.
 Gulls - 200 or 300 - in band on sand.
 bar of river bank.

Feb. 16. Fairly clear in A.M. - clouding
 towards eve. no wind.
 656 457 - 510 - 542b - 554a.
 Crows - heard today.

Feb. 17. Cloudy all with light rain
 or drizzle. Little wind. S.W.
 360g (1), 501b (1), 457 (1), 542b - several.
 339a (one), 510 a band, 656 (1).
 Horned Larks - heard - Crows - heard.

Feb. 18. Weather similar to yesterday.
 Raining quite heavily tonight.
 3609 (1), 457 (1), 510 - many, 542 b. several.
 4742 - heard in field. 654. All
 these seen about the house.

Feb. 19. Weather clear today - only a little
 hazy clouds low on horizon. Foggy
 early this A.M. westerly winds.
 542 b. - many - 654 - 457 - 273 (1 on flat),
 510 & Red-wings - many. 221 - many
 in Demblado slough. 3609.

Feb. 20. Clouding up in A.M. with S.W.
 and S. wind. Hard rain in P.M.
 continuous. Sun showing very red
 through clouds at sun-set. Clouds
 lifting in W. after sun-set. Late
 in P.M. light W. wind. Few birds
 seen today about house and I did
 not go anywhere else.
 654 - one. 3609 one - 457 - one 542 - several
 510 - several. also probably Bicolored.

Feb. 21. Showery all day today - cloudy or partially cloudy and still so this evening - quite a strong wind from W. especially in P.M.
~~542b~~ 542b. 488 - 3 flying over -
 360a. Very tame - attempted to catch a chicken - driven off by old hen - 457 - one - all seen about the house and no others so far as I remember. 510 -

Feb. 22. Cloudy - partially cloudy and clear weather today - still cloudy to night. No rain except some heavy showers early this A.M. Westerly winds but not heavy - cold tonight - heavy surf.
 Few birds noticed.
 360a - 510 - 542b - Stayed at home all day.

Feb. 23. Rainy all day especially this A.M. Wind from S. in

a.m. little or no wind later,
 501b- 5 seen on alfalfa this
 a.m. during rain, 667 one -
 542b- several 570- many
 519- (one a ♂) all seen about
 house - few or none others
 seen.

Feb. 24 Heavy drizzle nearly all
 day. Clearing up a little
 in the west at night-fall.
 More birds seen today than
 for several days although
 all have probably been in
 the vicinity all of the time.
 697- 15 or more at water-hole
 between here and the hill.
 501b- 6 on my alfalfa patch.
 519. 3 on barn this a.m.
 667 one - 542b- several. 570 many
 Redwing (Bicolored probably) Black
 bird- several. Crows- heard-
 273. heard at water-hole - 581 one

near house. 474^e. one seen at water-hole. Hawk. one probably Red-bellied. Am. Barn Owl - one seen this eve.

Feb. 25. Perfectly clear. Went to Doherty Ranch. Saw many birds.

501b - especially numerous both on Cooper Ranch and on upland. Blackbirds - numerous.

519 - a large band of several hundred on Triffitt ranch.

Bluebirds - several near Doherty R.

Wm. Robin - a doz. or more about orchards in cañon. 413. (preortus.)

Brown Sparrows - numerous.

Hawk - a large dark-colored bird with a squirrel.

Am. Coot. in Tembladero and in small pond near Watt's place.

Junco - a doz or more seen in cañon and one in C. Ville near P.P. depot. 634 - many seen with last.

Feb. 26. Clear with a little hazy low on horizon clouding a little. Towards night. Only common birds seen today about house and very few of them. English Sp. on barn, ♂.

Feb. 27. Floating clouds, otherwise clear. Very cold at night. W. wind in P.M. Went to town. -

457 - one near old bridge. 458 - one at same place.

Marsh Hawk - one in rather dark plumage near Tembladero.

542 b - nearly a hundred near P.V.

C.R.R. track - some on ground some on the fence.

Feb. 28. Heavy showers of rain during night. clear with floating clouds. Strong W. wind in P.M. Cold tonight. 66 p. 11 - 542 b - 510 - 519. and perhaps a few other common species noticed about house.

March 1. 1906. Clear today. Only ordinary birds noticed today.

Mar. 2. No rain today but clouding up - cold in A. M.

510. 2 ♀♀ shot and 1 ♂. One seen with a white area about base of bill but not extending to chin. In attempting to kill it about mentioned were killed. 5076. Swallows ^{seen} _{the 1st of the season.}
 3609. One killed near house.

Mar. 3. Very heavy rain commencing early this A. M. and continuing until about 3 P. M. when it began to clear. Rainbow and sunshine late in P. M. Strong S.E. and S. wind in A. M. changing very suddenly to ^{strong} W. wind moderating later in day.

664. and other common birds seen - a flock of Blackbirds but no others in great numbers.

Mar. 4. Quite pleasant today although there are many clouds low on the horizon especially to north where they form a dark sheet in vicinity of Loma Prieta and the Santa Cruz mts. Colder tonight. Indications are for more rain. Went to Doby Ranch today. Swallows - a great many seen near old bridge over Tembladero. I think all were ~~Chiff~~ Swallows. 221 - several in slough. 458 - 1 at old bridge.

Crows - 20 or 30 seen today at 2 or 3 different places. 697 - 6 or 8 today at various places.

501b - many especially in Greffins Pasture.

Lark Sparrow - I saw quite pure spaw one of this species with last mentioned.

413. 2 or 3 in orchard on Doby Ranch. Crown Sparrow - many in low

brush along road near Tobey Ranch.
Great Blue Heron one flying near
Tembladero. being chased away
by a black bird.

Mar. 5. Clear today - little wind and plenty
of sun-shine. Cold tonight.
Was not away from house so
I did not see many birds -
65b-one - 458-one - etc. all common
English Sparrows noticed on top
of barn. These birds were first
seen about a week ago.
51g. 3 or 4 seen.

Mar. 6. Clear - a fine day - no wind
or clouds. A little cold in A.M.
English Sparrows again not-
iced about barn. 51g. I think
I saw 6 about barn.
Small Paudpipers - a flock of
15 or 20 - seen circling about the
fields. 66g. 542b. many.

A large flock of Bicolored Blackbirds mostly ♂♂ seen in slough not far from my house. Swallows - 2 or 3. seen circling about.

Mar. 7. Clear, beautiful day - a very little E. wind in A.M. Warm in midday. English Sparrow - one on house-top. 510 - ~~554~~ 542b, 488, etc.

Mar. 8 Clear and very warm. Went to Tobey Ranch. Saw many birds. 458 - at old bridge. Wm. Yellowthroat - heard in full song. Dile Wren. heard singing. 501b. many. Bluebird. several. Robin - two or three seen. Florida Gallinule - one seen in small pond of water in slough near Moressey place. 656. 697 - several. 519 - Goldfinches. Crown Sparrows - Juncos. several. and other common birds. Gulls.

Mar-9. Warm today - fog coming in at 4 in P.M. Only common birds seen.

Mar-10. Foggy or cloudy - changing more to clouds in P.M. Only common birds seen - 339b - 501b - W. wind.

Mar-11. Cloudy with a little rain - S.W. wind most of the time - 542b - several disturbed from alfalfa after night fall.

Mar-12. Rain - Mist - and Showers today clearing up in late P.M. cold tonight. Strong W. wind in P.M. English Sparrow - one - a ♂. I have seen only one of these birds - 519 - 510 - 542b (heard singing very sweetly.) Do not remember seeing 66b or 457 for a few days.

Mar-13. Showery all day today at intervals - Fairly clear during P.M. Rain tonight (showers) W. wind

Quite cold this eve.

English Sparrow - a pair ♂ & ♀
This is the 1st time I have noticed the ♀ - 501b - 4 or 5 on alfalfa.
3609 one not far from house.
510 - 542b - Gulls - 3 or 4 flying over. 519 -

Mar. 14. Heavy rain last night - Cloudy and some showers of rain during day. Clouding up darker towards night with heavy south wind and fine driving rain.

Daisy's Phoebe is still here - one seen today on house yard fence.
542b. heard singing near house
501b - a half-dozen or so.

English Sparrow - pair seen again today.

Blackbirds - several seen one billed with whitish area on head at base of bill and around

eye larger on one side of the head than on the other.

554b-581d - seen at sand hill -

Mar. 15. Heavy rain in night - Rain and drizzle - all day today and is the same tonight also though there is a patch of clear sky in the west. Slightly colder. Goldfinches - 30 or 40 - seen in a flock at the sand-hill on small bushes and vines. 3609 one at a distance 510 - and "Redwings" seen about. 501b - several - 4 or 5 seen on fences and buildings and on wagon as I was dressing this A.M.

English Sparrow - a pair - 542b - several - Horned Lark - one a ♂ singing near ^{house}. 554a 581d seen at sand-hill. 519 - 3 or 4. No - 667 or 699 for some time seen.

Mar. 16. Clear - only a few floating clouds - clouding up however.

at night. Colder tonight,
 474e - a ♀ seen closely also others
 697 - several seen today.
 519 - 570 - 542b - Gulls several
 flying about.
 Crows heard.

Mar-17. Cloudy with light showers
 of rain in A.M. Clearer in
 P.M. Heavy W. wind in P.M.
 Partly cloudy tonight.
 Gulls - several flying about
 today. 510 - 474e - 501b - 542b - 519.
 5814 one about garden, very tame
 No. 556 - ov 457 ov Eng. sps. today.

Mar-18. Fine day - Cold in early A.M.
 Floating clouds and hazy dur-
 ing part of the day. Perfectly
 clear and cold tonight.
 Not many species seen about
 the house today. 519 - 542b -
 and a few others.

Turkey Vulture - 3 or 4 seen circling about - one seen a day or two ago but not recorded.

No. 556, or 457 - Have not seen any Swallows except the two or three records above. (Perhaps they were some other species which pass through earlier on their migration - although I am nearly positive somewhere.)

Mar-19. Frosty and Clear in early A.M. hazy, later, and sky completely overcast in latter part of P.M. A good many birds seen today.

Gulls - Many quite large bands in fields following plows and around water holes left by flood of 2 days ago.

Crows - many with last species and alone.

Yellow-throat (Wm.) a ♂ singing amongst tules at old bridge.

58. a pair at old bridge probably they have begun nesting operations.
 English Sparrow - ♂ killed on barn.
 519-510-542b-581d singing in garden.
 Goldfinches - a large band among
 flowers of "wild turnips" in field.
 697. several in field - 501b - 325 etc
 222. in plough - Bicolored B.B. many.

Mar. 20. Cloudy and light showers of rain.
 S. wind nearly all day - strong tonight
 Went to town - only common mowbird,
 221-510- Bicolor - 458 - a pair at bridge.
 Gulls - many in field following plow
 this A.M. mostly adults but a few
 yg and immature.

Mar-21. Cloudy all day - Southerly
 and S.W. winds all day - A
 few quite heavy showers of
 rain - not enough to interfere
 with work.
 581d. heard singing in garden -

Hummer - a single bird heard.
697. heard today.

Gulls - large flocks following
plows and sitting about
water holes in fields. Very tame
and uttering their harsh cries
often. A few other usual birds
about. No. 656 or 457.

Mar-22. Cloudy or partially cloudy all
day - Rain (showers) last night
but none today. Sun shone
very brightly part of the day
when it was very warm - Little
wind - Nearly clear tonight.
Crows - Gulls - many - 5016 - several.
5814, 519, English Sparrow - 1 shot.
Swallows
at nest Wm. Parvanna Sparrows - one shot.
etc. Bliss Swallows at nesting
place on ~~to~~ to ~~to~~ to.

Mar-23. Heavy rain today. beginning
with showers this morning - very
heavy rain during the middle

of the day clearing up towards night with westerly winds. A little lightening seen - quite cold tonight.

Bicolored Blackbird several ♂♂ about yard with 510. 519.

Cliff Swallows - at nesting place.

I think Swallows seen earlier were of some other species as I did not notice the "rump patch" on them. 581d 542b.

Crow Gulls - etc.

Mar-24. Fine day during most of the time - Clouding up and raining towards evening with west wind.

Barn Swallows - First one of the season seen today flying about barn - 612 - 510 - 519 - 542b - etc.

Mar. 25. Fairly clear during most of the day - clouding up towards evening with W. wind and showers of rain.

Crow - heard today.

612-510-519-(10 or 12) English Sparrows
(a pair about.) 581d. 542b 474e.
(heard singing.)

Mar. 26. Partly cloudy all day - Heavy rain last night mostly in heavy showers I think. No rain today but clouds were scattered about sky all day. A little colder and a little clearer tonight.
Ducks. Saw two bands of birds flying in the distance that belonged to this family I think. Curlew. Heard a bird flying over that belonged to this genus I am quite sure - 612-519-510-
English Sparrow - 581d. 542b - etc.
all common species.

Mar-27. Fine clear day - W. wind in P.M. Only a few floating clouds and a little haze to be seen -

Barn Swallows - two seen about barn at old place -

Cliff Swallows - many -

Bicolored Blackbird 4 shot.

519 - 542b - 3609 one - 510 -

Red-bellied Hawk - one flying about fields - 1st I have seen for some time.

Mar-28 - Cloudy and hazy all day Sky completely overcast during latter part of day - Began work cultivating for barley -

501b - several on alfalfa 542b - same place as last - 510 and 499 - large flock - mostly latter - 581d one about my garden -

Gulls - many about fields - Crow - one flying over -

Mar-29. Cloudy and threatening rain all day, darker towards nightfall. Wind N. for part of the time at least. Gulls. mostly Cal. One or two y g. Wm. at least 500 in field were I was sowing barley. Bicolored Blackbird } Large flock
Brewer's Blackbird } of these two species in field and on my alfalfa patch. Did not see any 697 nor have I seen any for a few days. 612-542b-501b- etc.

Mar-30. Rain beging at 5 A.M. showery all day. Heavy rain tonight. Wind rather variable - No ranch work. 612-613-519-510-581d(one)-501b-697. A single bird in dry slough on alfalfa patch - 1st for several days. English Sparrow - heard. Gulls - a few today. No large bands as there were yesterday when the teams were at work in the fields.

Mar-31. Some heavy showers today but no great amount of rain. In fact most of the day was clear. All rain was from the W. Very strong cold wind in P.M. from W. Goldfinches - a pair. 6/2. 6/3 - 5/9 - 3 or 4 pair - etc.

April-1. Clear today except a few floating clouds and one or two rain showers. Very strong cold W. wind in P.M. Went to cemetery - quite a good many birds seen.

Blackbirds - a large flock (most-ly 50 I think) singing chorus on my barn this A.M.

458 - a pair at bridge - 501b - 542b.

Am. Pipit a flock of 12 or 15 seen near slough at Bordudas.

519 - large flock. Goldfinches - 2 or 3. 222. Grebes 2 - small ones.

Muttal's Sparrows - many along

roadside at old Moore place.
 Gulls - a number seen today.
 Tule Wren heard near old bridge.
 No migrants on 457 or 656 - seen
 for some time.

April 2. Fine clear day. Went to Doby
 Ranch - many birds seen.

Junco - a few seen today.

501b - many - 221 in slough.

458. at bridge and at Doby Ranch.

Wm. Yellowthroat heard singing in
 trees near old bridge.

Nuttall's Sparrow - many seen -
 Cal. Jay - 2 or 3 seen in woods - found
 a new nest just completed belong-
 ing to this species I think.

Lutescent Warblers $\frac{1}{4}$ 1st "take" of
 the season & exceedingly tame.

Cal. Bush Tits - Many heard today
 in timberland on Doby Ranch.
 Wren Tit - One or two at same place.
 Wm. Red-tail - a pair uttering their

Think perhaps they had a nest in this piece of timber but could not locate it exactly.

Vireos - Many small birds seen and heard among tree tops and from glimpses I saw of them think they were some species of vireos probably. Wm. Warbling.

Did not see any Plain Tits or Cal. Chickadees although I looked ^{for them} today.

Song Sparrow - one heard.

Bluebird - I think I heard a Bluebird today.

Red-shafted Flicker - one or two seen more heard.

Apr. 20. Fine clear day, a little cold in A.M. with a little E. wind. W. wind in P.M. A few floating billowy clouds. Sowed barley today.

Gulls - one or two medium sized flocks seen flying.

4742. 2 or 3 seen in field.

Curlew - Heard and saw at a distance

2 birds which were no doubt Curlews,
510-499-542b-519-581d-612-613.
etc.

Apr. 4. Fine, clear day - W. wind in P.M.
not heavy. Finished planting barley.
Not many birds noticed today.
Curlew - heard - 519-612-542b-etc.

Apr. 5. Fine - clear day - E or N.E. wind in
in A.M. W. (mild) wind in P.M.
Quite warm. Began planting
peas.
Gulls - several stragglers flying
about. Mostly large yg. birds
probably Wm.

474e. Heard singing this morn-
ing at 5 A.M. when it was
still quite dark.

542b - one bird appeared to have ^{nest}
on alfalfa patch, by her actions.
510-519-612-etc.

Apr-6-1906. Nearly clear in A.M. Fog coming in during middle of P.M. W. wind in P.M. 697. one seen - Crows heard - 4742. many cal. Gulls, also 49 Wm. etc. Began with 3x10" plow planting peas.

Apr-7-1906. Foggy (high) in morning - clearing later - Fine clear afternoon, and beautiful evening - slight W. wind Gulls - not quite so many as on 6th. Crow - heard - 4742. 5422. 612 - 697 one etc. 4742 appeared to have nest.

Apr-8-1906. Fine clear day - W. wind in P.M. Went down to low pasture land. Many birds seen - all in full song - early. Partridge - a doz or so along old river. 325 one flying about. Curlew - heard - Gulls - seen today - 360 or one - Goldfinches - many - 5 many - several pair nesting.

Panta Cruz Song Sparrow - 1/4 n - 2/4 n - Black-crowned Night Heron - a flock -

along old river.

crow - a large flock near old river on
farming land.

Cal. Bush Tit - heard.

Wren Tit heard.

Look Santa Cruz

Song Sparrow 1/4 x 1/4 ms.

Muttall's Sparrow - many seen.

4742 seen in fields -

477 542 etc.

Apr. 9. Clear in A.M. Clouding up in P.M.

W. wind in P.M. Planted peas.

Am. Pipit - 3 seen today.

Gulls - many following my
plow - mostly ad. Cal. some juv
Cal. and juv. Wm. one or two
other yg. birds seemed to be inter-
mediate in size.

Marsh Hawk - one flying about
field - Am. Barn Owl one this
evening flying about.

Swallows - some with greenish
backs and pure white underneath.
Same as were recorded on Mar. 24.

Apr. 10-06. Light showers in early morning, clearing up later - W. wind all day very heavy in P. M. Clouding up again tonight. Planted peas today.

697 - one.

Gulls - many ad, bal. and yg. Wm. 4 yg. Wns. appeared first of all today - A few yg. bal. 474L - 542R - etc.

Apr. 11-1906. Fine clear day - quite warm - mild W. wind in P. M. Finished planting peas. 697 - a few seen - Few Gulls today. 510 + 499 - 519 - 474L - 542L.

Apr. 12. Wet and foggy until 9 A.M. then clear - Light west wind. 581L 542L - 474L (egg found on ground) Saw-toed Plover - 2 birds flew past me today belonging to this species I think. Curlew - one seen near river. 697 - one or two - Yellowthroat - one

heard singing along river.
 Gulls - some seen flying about.
 Marsh Hawk - one seen flying
 about field. 612-613 - 1.
 No Ducks, Geese - 656 or 457. seen
 for quite a long time.

Apr. 13. Foggy in A.M. then clear. Clouding
 up later and partly cloudy tonight.
 Spent the day collecting along
 old river channel. Many birds.
 474e. several pair in fields. Charles
 found an egg - on road leading to
 China house. slightly incubated - nest
 probably destroyed by harrow -
 581e one about house - many along
 river nesting - took $\frac{3}{4}$ - $\frac{7}{4}$ - $\frac{5}{3}$ - $\frac{6}{4}$ - $\frac{7}{4}$
 $\frac{8}{3}$ - $\frac{9}{4}$ nests. Found one nest
 with young a day or two old, also
 some nests being constructed and
 some in complete sets.
 Wm. Yellow-throat several pair seen
 along old channel very tame and

demonstrative. 518 many - 3 or 4 nests
 being constructed 499 - many 2 nest
 being built in yg-willow over water.
 Calif. Bush Tit - several pair - 3 nests
 1 with yg - over water in yg willow
 1 with one egg and one with none as yet.
 Calif. Towhee - 2 or 3 seen - no nests.
 Calif. Thrasher - one or 2 seen - a nest
 just finished was discovered.

221. seen in water of old river.

554 & several - no nests discovered
 as yet. 273 heard in field - 488 seen
 in field - one dead one in willows.

Gulls - one large flock - circling about
 quite high.

Calif. Quail - flushed several from
 brush - quite tame.

Hummer - 2 or 3 heard - no nests.

House Finch - several nests being
 built - only one with eggs (4) in China
 man's barn. Black-crowd Night Heron
 one seen flying near old river.

Goldfinches - many seen both birds

I think. 412-413-342c.

Black-headed Grosbeak. Think I caught sight of one but I may have been mistaken. Found a small nest resembling Pileolated Warblers nest.

Kingfisher one seen. was also seen before on the 8th inst.

When I it heard but not seen.

A female Goldfinch noticed carrying nesting material.

Apr. 14. Foggy in A.M. clear after 7. Light west wind. Began plowing with 2 single plows.

Not many birds seen today.

Gulls one or two stragglers.

697- one or two. 474 & several, 342c. several. 581 & part - one. etc.

Apr. 15. Clear in A.M. Foggy towards evening with cold W. wind.

Went to Tobey Ranch saw a good many birds.

474e. ^(cooper) seen on ranch and along road to cañon.

Juncos - a pair seen about house.
294. many - one large loose covey also a mated pair.

Vireo - one seen closely. ^{Whitewing} about eye.
Cal Bush Tit - many - 510-499 many
Calif. Jay - one or two.

Spurred Towhee - heard.

Goldfinch - seen -

Lutescent Warbler - Took set 2/4 x n. incubation far advanced. Parents tame - (vede notes!) also found old nest filled partly with sand, large nearly fully fledged young near both parents about - very demonstrative coming within ~~one~~ ^{or three} or two feet, fluttering along ground with outspread wings and tail. 742 (heard.) 519. many. 325. one. 542 on alfalfa and one or two along road to cañon.

Apr. 16. Hazy or cloudy nearly all day,
clearer towards night. 697-
221-581a - 584b - 613-612-458-474e-
542e, 681y - 510-499- etc. all common.

Apr. 17. Foggy (wet) in early morning -
clear later - west wind in P.M.
697- several seen in field today.
510. " a female carrying 4 or 5
hairs picked up in barnyard -
474e-542b - Goldfinches - etc.

Apr. 18. Heavy dew in early morning,
clear all day a little W. wind
part of the day. A very heavy
shock of earthquake at 5.18 A.M.
followed by lesser ones during
day. Immense damage done
in Santa Cruz, San Francisco,
San Jose - Moss Landing Salinas
and elsewhere - 2 lizards lost at
Del Monte.
697- several, more than I have seen

for some time.

Goldfinches - several seen about house and in mustard (wild turnip) on small alfalfa patch. 581d, 542c, 510, 612, 613, 501b - one seen in my field, 474e, 519 - nest just completed by mbs - a large flock seen on freshly plowed land near sand-hill - 1st large flock I have seen for several days.

Apr - 19. Clear and very warm. A very little wind about 11 A.M. then none. Went to Moss Landing and saw damage done by earthquake to Ware-house. Curlew - saw 12 flying over Landing. 474e - 542c - 501b - (1) - 581d - 510 - 519 - 612 - 584b etc.

Apr - 20 Clear and very warm - Heavy fog coming in in afternoon - Went down by old river.

Goldfinches. many - several nests
found nearly completed - one with
two eggs - 710 $\frac{1}{3}$ - 510 $\frac{1}{3}$ - 499 $\frac{1}{3}$ -
581 & part - $\frac{1}{3}$ - Many 510 - 5499
nests some with eggs -

Am. Coot - think I found a nest
581 & many - some nests - 519 - 510
554 & 47 & - several tools set 44 & m.
697 - several seen today. 542 &.

Yellowthroats many along river. no
nests. Pileolated Warbler - nest
with 2 eggs seen -

Calif. Bush Tit - several seen.

Wren Tit - heard. Kingfisher ^{one along} of old river.
Curlew - large band flew overhead.
Gulls - many after plow shot one
a yg. W. m. I think.

Apr. 21. Clear - flight haze and indication
of rain. Wind.

697. Many seen today - seemingly a
large loose flock. Perhaps they are
assembling preparatory to moving on.

Other birds about as usual. In afternoon while mowing weeds found nest of Nuttall's Sparrow with one egg in low mustard.

Apr. 22. Clouding up. Cloudy tonight but with holes in the clouds - stars shining through. W. wind changing to S.W.

Nuttall's Sparrow - nest with 2 eggs on alfalfa patch in wild turnip.
House Finch - 3 nests found today. 2 on straw stack - one with 4 eggs - one about half-built and one on water closet just about finished.

612-613 - (in barn and a little fresh mud on rooster) 542♀ - 510 - (a pair about yard ♀ with a narrow white strip along bend of each wing.)

Apr. 23. Rain last night and showers today from bay but not a great deal of rain. Went over to sand

bills by Duong Chong's and back home by way of the pasture and up the road near old river channel.

Took 554b. $\frac{1}{3}$ - 681c $\frac{1}{4}$, 499 - $\frac{3}{4}$.

Many other nest seen - 510 - 2 - 3 - 8 - 5 eggs - 519 - 4 - 3 - 2 - 1 eggs and just building - 581d with large young that flew from nest. Several nests of 554b. with eggs -

Large flock of Gulls at river mouth. Many Goldfinches seen today. 542c. seen with nesting material in its mouth. 697 still here. 194 - one seen - 127 - one seen.

710 - nest just building. 612 - 613

474e - etc - etc - Very many of nearly all kinds seen.

Apr-24. Partly cloudy nearly all day - Clouding up in late P.M. with drizzle and light showers of rain W. wind. Only common birds seen today - 474e, 542c, 554b, 222, 499 etc.

Apr-25. Clear, no rain. wind W.

697-one. Gulls a few flying ^{about}.
 5428, 519, 499, 511, 4742 etc.
 Took - 519 $\frac{1}{4}$ - 5546 - $\frac{1}{4}$.

Apr-26. Gulls many in field. Fully
 $\frac{3}{4}$ were yg. Wm. I think 697-
 etc. Clear - clouding upwards
 night.

Apr-27. Rain last night. Showers
 in A.M. Clearing up later -
 Very heavy wind in P.M. (W.)
 Spent afternoon along old
 river. Took - 519 - $\frac{3}{5}$ - one set
 had a set of eggs (4) buried
 below it in another nest. I
 found this nest on the 13th. Perhaps
 after the earthquake the birds
 built another nest on top and
 laid another set. Found many
 nests which had been deserted
 and the eggs destroyed which I

know contained eggs on the 13th.
 Perhaps the birds realized that
 these would not hatch and so des-
 troyed and deserted them.

510-4/6-3/5-499-3/3. (Pileolated Warbler
 1/4. This last nest I found on the
 13th and on the 20th it contained
 2 eggs. Today it contained the
 full set but seemed deserted. I
 did not see the bird at any time.
 This is my 1st record for Castrovilla
 7439. nest found on 13th just hatched
 contained fully fledged birds just
 about ready to leave the nest.

Found Yellowthroat nest with 3
 in thin trailing blackberry vines
 in muddy willow thicket along
 old river & next to island.

Curlw. many seen today. Some
 alighted in field.

Small D and piper - several
 bands seen flying along old river.
 Least Tern - a flock of about a

doz. fishing along old river. These are the 1st seen this year.

Kingfisher - one along old river.
House Finches nests in Willows not so far along as those about dwellings.

Apr-28. Slight shower in early morning. Partly cloudy all day, darkening toward evening. W. wind in P.M.
697, 510, 499, 474_e. 519, 542_e, etc, etc.
Large flock of sea birds seen near the coast - probably on account of a school of fish.

Apr-29. Cleared up during night. only a few floating clouds. W. wind in afternoon. Clear tonight.

Doob. 510 - 1/6 - 499 - 2/4 - 519 - 1/5 -
581_d part - 2/4 - 683_e - 1/4 - and 554_b - 1/4.
This last nest I found after dark as I was coming home. I flushed the bird from the ground out in

The middle of the "flat" on Elias.
 Ding's land. I thought at 1st it was
 a 474e or a 542e, so I reached down
 and searched for the nest. It was
 so dark I could not see the eggs. How-
 ever they seemed very large to me.
 Upon reaching home I found them
 to be unmistakably eggs of 554b.
 This is the 1st nest I ever heard
 of being placed upon the ground.
 Many birds seen today in
 full song. 758-710-5299830, 554b-
 683e, 542e, 7439, 499-519-510-474e.
 612, 613, 581d, etc.

Apr. 20. Partly cloudy but no rain.
 W. wind.

542e, 697, 474e. 501b-(2 seen near
 house) 510. etc. Not many Gulls
 for the last day or two.

May 1. Cloudy-little wind. no rain.
 Curlew-heard today.

Black-bellied Plover - Saw some birds flying to day belonging to this species I think.

Black-crd. Night Heron - Several heard today.

May-2. Partly cloudy but clearer than for a day or two - E. or S.E. wind in A.M. W. wind in P.M. Went to Graves for barley. 499-510. Many seen on road, Marsh Hawk one flying near house. 683c heard singing near C. Hill.

May-3. Clear & warm this morning. Fog coming in in P.M. Curlew - seen flying. 683c - near river in tules ♂ & ♀. 581c, 642c, 474c. (took set 1/4), 501b(1) 510-499-530 - Is all - one yg flying. Marsh

May-4. Went to old river. Took - 5819 - 2/4 -
 - 77 - 1/3 - 710 - 1/3 - 6812 - 1/4 - 579 - 1/5 -
 Among the birds seen were - 273 -
 202 - (2) - 6859 - 2 - (nest with 2 eggs)
 Hummers, 7439, 221, etc.

May-5. Have not seen any Am. Pipit for
 2 or 3 days. I think they have
 probably left.

May-6. Went to Doby ranch in P.M.
 Took - 5428 1/4. in U.M. before
 left. Took no eggs in P.M.
 Among birds seen were
 6461 - a family of young -
 7172 - a pair - nesting probably -
 588 - 7439, 765, 33-5, etc - etc.

May-7. Doby ranch - all day - 5428 - 746 - 512 - 1/3
 seen on ranch - few others seen.

May-8. Doggy today. Am. saving birds.
 5428. English Sparrows a pair - 579.

~~in field~~

May-9. Foggy today -
cuckles heard. Planted Buts.

May-10. Cloudy today - a few drops
of rain in A.M. Thunderstorm in P.M.
Began sowing lentils.
542E, 474E, 519-612 etc.
Cuckles - a single one flying low.

May-11. Rain last night (slight.) Clear
today except for floating clouds.
Sowed lentils in A.M.
474E. several pair noticed
about field - no 677.
542E.

May-12. Cloudy threatening rain,
but clearing in P.M.
542E. found nest of 5 eggs (broken)
as I was draining well as along river.
683E, 511E, 554E, 474E, etc, etc.

May-13. Warm and clear this morning.
 Windy in P. M. Went to beach.
 Saw nest Snowy Plover - $\frac{1}{2}$ inc.
 advanced. 7:10 - 1 egg - 2 a little egg.
 Saw dead bird on beach of Dublin area
 family - about $\frac{1}{2}$ size of Bull-hog
 slender wings. sooty black color.

May-13. Planted beets again today.
 Cloudy with drizzle in P. M.
 clearer towards evening -
 Least I env. I think I saw a
 single bird of this species flying
 low across my ground.
 Large flock of sea-birds off the
 coast.

May-15. Clear - strong W. wind in P. M.
 went to river in P. M. Took 7:10 '13
 5:30 '15. Isolated Warblers nest
 found before with 2 eggs deserted
 today and eggs destroyed.
 Ann. Warblers nest a bird

of large "Sandpipers" along river
 belonging to this species I think.
 742, 743a, 511, 529a, 530, 510, 499, 474^e,
 554b, 581d (large yg.) 683c (nest with 3 eggs)
 612, 613, 542c, 488 (one) etc, etc. See today.

May-16+17- - - - -

May-18. Took - 554b - $\frac{1}{4}$ - 683c $\frac{1}{3}$ (full set.),
 510 - $\frac{1}{5}$.

May-19. Foggy in A.M. Clear and
 windy later. 683c, 542b, 510, 519,
 530, 581d, 554b, 474^e, 612, 613, etc.

May-20. Went to pasture near river
 took. 530 - $\frac{1}{5}$. also found 581d $\frac{1}{4}$,
 519 - $\frac{1}{5}$ etc. and Pileolated Warbler
 with 4 yg. - (see general note book.)
 Wren Tit. heard - 758, 743a, 530,
 519, 510, 683c, etc, etc - heard.

May-21-22-23-24. very busy.

May-25. Heavy rain today. Took Pet to
stud.

May-26. No rain but partly cloudy.
Took 7199 1/7. see notes also 758-1/4 and n.
The first I ever took by the wren
and my first Eastville nest
of the second.

Black-crowned Night Heron
heard.

Spurred Towhee - one seen and
heard singing among willows
near old river.

758. another nest with 2 eggs
♀ incubating. also a 3rd empty
nest belonging to this species I
think. 742-743, 683, 325 etc seen.

May-27. Rain again today beginning
early this A.M. partly clear
towards evening - stayed at home
all day - saw - 4742, 5428, 612, 613,
519, 510. English Sparrows
continued in Book No. III of Records.

July 13-1900 A.D. Castroville, Monterey Co., Cal.
 Curlew - seen tonight.
 Marsh Hawk - one near Cooper's
 Turkey Vulture - two " "
 Shrike - several along "R.R."
 Desert Sp. Hawk - 2 or 3 along road.
 542b. one near Graves switch
 501b. a few seen in various places.
 474e. 554a. 530, 579, 510, 612, 613,
 458, all seen today.

July 14. Marsh Hawk - one near Cooper's.
 325(1), 360a, 622b, 501b, 510, 612,
 613, 458, 581coud, 474e, 530.
 Blackbirds - two large bands of
 100 or more along plough near
 Cooper's.
 Cal. Towhee - one at small
 bridge near Jas. Collins's place.
 Dule Wren. Think I heard one
 at same place as last.
 Bittern. Think I saw one
 flying near Collins's place.

Aug. 12-1900. During past month the following were noted: -
 Limicoline migration began nearly a month ago.
 Wm or Least Sandpiper - seen quite a while ago.

4-toed Plover - think I saw a band flying in the distance
 Curlew - seen 1st about a week ago also since -
 Calif. Phoebe - seen yesterday near house.

House Finches about hill and house in large flocks - a band of about 200 seen in Castroville
 Calif. Towhees seen about my house a week ago - very tame.
 Red-bellied Hawk - seen several times.

Have seen no White-tailed Kites, Downy's or large flocks of Blackbirds so far -
 Wm. Parula sp - seen lately.

Aug-14. Many thousands & perhaps
 tens or hundreds of thousands
 of pea birds seen off the coast.
 325-several about Landing.
 529, 510, 519, Crown Sp. quite com.
 4742-a few days ago a good
 many seen in fields.
 Curlew 3 or 4- yesterday.
 Small Sandpipers-seen near ^{Landing}
 Ducks- 2 seen on 13th the 1st this ^{year}.

Aug 15. Ducks- 2 large bands.
 4742. one- 3602 one near house.
 325- one-, 431- one about flowers.

Aug 16. Duck- 2 very large band- one fly-
 ing inland at night. 325- 3602

Aug 18. Ducks-several bands 325.
 Owl- seen flying about probably 364.
 Curlew heard today.

Aug 22. Phoebe- one about house several

days - quite tame.
 Ducks - a few bands seen -
 Curlew - several good sized bands,
 474e. a few bands seen -
 431 - one or two about flowers -
 Owl (sp.?)

Aug 24. Shrike - one about house.
 Horned Larks - quite large bands ^{seen}.
 360a one chasing shrike. 325 -

Aug. 27. 339b. one seen - 325 - 431 - 474e.
 Curlew heard yesterday.

Aug. 28. Went to Palinas along road
 were seen: - 501b - small flock -
 510 in small bands - 519 large "
 No large flocks of Blackbirds.
 622b - 360a, 581c (along slough.) 273 -
 325.

Aug. 29. 360a (3 at one time), 325, 542b - (1)
 474e several. 510 - small numbers -

Aug-31. Ducks - a large flock seen today flying seaward. 360 a one - 325 - one 431 - two - 510 - several. 339 b - one -

Sept-27. During past month weather has changed to fall weather - cold in A.M. warmer later - Occasionally a little fog in A.M. Also we have had a few clouds and a sprinkle or two of rain.

Pais's Phoebe - has been here a fortnight or more -

Marsh Hawk - one seen the other day -

Red-bellied Hawk - one has been seen quite frequently.

Ducks - a few have been seen flying.

Ruddy Duck - 2 seen in sloughs near switch.

Song Wren - one heard this A.M. along river.

Bong Sparrows - very common.

Savanna Sparrow - a good many
along plough and in fields.

510 quite common - in bands up to 100.
Am. Pipit - have been here sometime.
Horned Lark - a few scattered pairs.
Coot - along river - 360 a one or two ^{daily}
325 -

Swallows - do not remember of seeing
any for sometime.

Grebes - a few in river. 273 - one.

5016 - quite a number about fields -

Oct. 22. Cormorant - juv. on house top all night
Wm. Meadowlark - in considerable nos.
White-tailed Kite - two along river -
Red-bellied Hawk - one with last.
360 a 3 at once on Wyke house.
Blackbirds - in large flocks -
273 - several - near river mouth on 20th
Ducks - many at river mouth on ^{20th}
325, 278 - many along beach and
about river mouth on the 20th.
Coots - very abundant in river -

Gulls - many about river mouth
on the 20th.

Gt. Blue Heron - 5 at one place
standing on sandy beach.

Oct-23. 458-581 cord - 554, a orb., 510, 697
542b. 501b, 221, 273, 360a 457.
Tule Wren - heard near river.

Nov-18. Carp Phoebe.

Dec-22. Audubon's Warbler. one or two
about house. 457-458-360a.
Short-eared Owl - two seen.
542b - about barn yard. 697 - a usual
White-tailed Kite - one or two seen lately.
Blackbirds - a few flocks to be seen.
No Geese -
Great Blue Heron - seen in fields.
Red bellied Hawk - occasionally seen.
Sally Phoebe - one about house.
Crows - seen some time ago but none
lately.

Gulls - a great many about house and fields during flood.

Dec. 28. Ducks - an immense band seen on Christmas day in lake or river
boats a few seen near old Joe's house!!

Dec. 31. Have been plowing and see a good many birds each day.
Am. Pipit - common and quite tame.
273 - several.
Audubon's Warbler - one or two -
510. Pionettes in small flocks -
Horned Lark - seen some days -
Red-bellied Hawk - one
Short-eared Owl - one or two flying ^{about}.
Gulls - a good many following plow -
458 - several about building -
~~542~~ 20 - usual number seen.

